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International Chickpea Nurseries



REPORT OF THE TENTH INTERNATIONAL CHICKPEA TRIALS AND NURSERIES 1984-85

APPENDIX TABLES

**ICRISAT**

International Crops Research Institute for the Semi-Arid Tropics
ICRISAT Patancheru P O
Andhra Pradesh 502 324, India

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**Appendix 1. Characteristics of entries in P2MLT-D8
at Ishurdi, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds(g)	Seed yield kg/ha	Rank
1	820110	68	126	17	2735	8
2	820023	64	127	27	2847	4
3	820024	66	127	23	2418	19
4	820027	69	129	17	2704	11
5	820033	67	128	26	2444	18
6	820102	67	128	27	2733	9
7	820044	62	127	21	2886	2
8	820054	69	129	19	2778	6
9	820058	70	128	22	2665	13
10	820059	68	127	23	2795	5
11	820060	66	125	19	2863	3
12	820069	66	125	23	2639	15
13	820070	68	127	18	2681	12
14	820072	68	126	14	2795	5
15	820086	69	127	25	2512	17
16	820091	67	127	17	2626	16
17	820094	69	126	17	2358	20
18	820095	64	129	21	2730	10
19	820096	64	128	20	2239	22
20	820108	63	124	15	2642	14
21	820114	69	127	13	2756	7
22	820129	64	124	16	2795	5
23	820137	63	125	22	2847	4
24	4918	69	127	21	2925	1
25	Lo. ch	70	126	9	2353	21
SE						
MEAN		1.3	1.5	1.0	168.0	
CV		66.8	126.8	19.7	2670.6	
		3.3	2.0	9.1	10.9	

**Appendix 2.Characteristics of entries in F2MLT-B8
at Patancheru , 1984-85 .**

Entry No.	IC./ICC. No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds(g)	Seed yield kg/ha	Rank
1	820110	50	99	17	1413	13
2	820023	38	87	21	1699	1
3	820024	48	90	22	1460	10
4	820027	45	92	17	1540	5
5	820033	41	89	22	1492	7
6	820102	41	90	22	1603	2
7	820044	41	89	17	1333	16
8	820054	43	90	21	1349	15
9	820058	51	94	19	1444	11
10	820059	39	90	20	1444	11
11	820060	46	96	20	1079	20
12	820069	49	95	21	1461	9
13	820070	51	97	18	1286	17
14	820072	49	93	17	1270	18
15	820086	37	88	25	1524	6
16	820091	43	90	16	1429	12
17	820094	44	89	18	1460	10
18	820095	39	87	19	1429	12
19	820096	41	87	18	1429	12
20	820108	45	92	17	1571	4
21	820114	53	93	15	1429	12
22	820129	46	95	17	1222	19
23	820137	47	97	22	1397	14
24	4918	46	90	19	1587	3
25	Lo.ch	39	91	18	1476	8
SE		1.0	1.0	0.6	127.8	
MEAN		44.5	91.5	19.1	1433.0	
CV		4.0	1.9	5.6	15.4	

Appendix 3 Characteristics of entries in P2MLT-DS
at Junagadh , 1984-85 .

Entry No.	IC /ICC. No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds(g)	Seed yield kg/ha	Rank
1	820110	54	99	18	1771	16
2	820023	51	93	28	1851	12
3	820024	52	94	25	1822	13
4	820027	48	98	17	1639	18
5	820033	55	95	25	1537	19
6	820102	52	92	25	2063	4
7	820044	49	96	18	2158	2
8	820054	50	96	25	1946	9
9	820058	53	99	18	1895	11
10	820059	51	96	23	1924	10
11	820060	52	98	20	2041	6
12	820069	53	99	22	2005	7
13	820070	54	97	20	1719	17
14	820072	54	99	15	1800	14
15	820086	52	92	20	1785	15
16	820091	52	96	20	1800	14
17	820094	49	95	18	1397	21
18	820095	52	98	22	2056	5
19	820096	53	95	21	1968	8
20	820108	52	97	19	2005	7
21	820114	54	96	14	2371	1
22	820129	52	98	18	2100	3
23	820137	53	94	24	1924	10
24	4918	49	96	22	1251	22
25	Lo.ch	51	96	13	1471	20
SE		0.7	0.7	0.8	237.0	
MEAN		51.8	96.1	20.4	1852.0	
CV		2.3	1.2	6.5	22.2	

Appendix 4.Characteristics of entries in F2MLT-DS
at Gulbarga , 1984-85 .

Entry No.	IC./ICC. No.	Days to maturity	Weight of 100 seeds(g)	Seed yield kg/ha	Rank
1	820110	110	20	257	13
2	820023	105	16	299	7
3	820024	107	17	180	19
4	820027	106	16	347	3
5	820033	104	23	278	9
6	820102	104	17	271	11
7	820044	108	18	326	4
8	820054	107	15	222	17
9	820058	107	24	264	12
10	820059	105	17	277	10
11	820060	107	12	271	11
12	820069	110	20	229	16
13	820070	112	19	368	2
14	820072	110	17	306	5
15	820086	108	26	285	8
16	820091	110	22	476	1
17	820094	107	25	326	4
18	820095	105	21	236	15
19	820096	107	18	299	7
20	820108	107	22	305	6
21	820114	110	16	229	16
22	820129	111	17	153	20
23	820137	108	17	209	18
24	4918	104	18	118	21
25	Lo.ch	107	25	250	14
SE		0.6	0.2	62.7	
MEAN		107.4	18.9	271.1	
CV		1.0	1.5	40.1	

Appendix 5. Characteristics of entries in F2MLT-DS
at Rahuri, 1984-85.

Entry No	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	820110	56	112	16	2221	10
2	820023	62	115	22	2142	14
3	820024	55	114	23	2031	17
4	820027	50	114	19	2253	9
5	820033	50	112	23	1952	20
6	820102	49	113	23	1983	18
7	820044	48	111	18	2301	8
8	820054	52	114	21	2856	2
9	820058	58	112	17	2205	11
10	820059	50	114	21	3015	1
11	820060	49	112	19	2158	13
12	820069	48	114	21	2380	6
13	820070	60	116	19	1904	21
14	820072	52	115	14	2523	4
15	820086	48	114	21	2190	12
16	820091	49	113	16	2047	16
17	820094	56	115	20	1610	23
18	820095	46	112	23	1967	19
19	820096	47	114	19	2094	15
20	820108	49	114	17	2094	15
21	820114	58	115	13	2420	5
22	820129	49	109	18	2348	7
23	820137	48	110	17	1412	24
24	4918	50	114	21	2666	3
25	Local	45	107	17	1666	22
SE						
		1.6	0.0	0.3	105.2	
MEAN		51.3	113.0	18.9	2177.5	
CV		1.9	0.0	3.1	8.4	

Appendix 6. Characteristics of entries in FZMLT-DH at
Patancheru, 1984-85

Entry No.	IC./ ICC.No.	Days to 50% fl- owering	Days to matur ity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	820007	47	101	20	2111	13
2	820016	53	101	19	2190	9
3	820019	49	102	20	2143	12
4	820021	49	102	22	2016	14
5	820022	48	102	22	2540	1
6	820025	48	102	21	2175	10
7	820028	46	99	20	2301	5
8	820030	49	103	22	1984	15
9	820034	49	100	20	2349	4
10	820036	47	100	18	2381	3
11	820039	48	101	24	2238	7
12	820049	46	97	26	2524	2
13	820057	53	102	20	2190	9
14	820066	53	104	19	1921	17
15	820073	48	101	19	2524	2
16	820084	52	101	28	2206	8
17	820097	47	99	18	2159	11
18	820101	50	104	16	1921	17
19	820004	42	100	23	2175	10
20	820105	46	103	15	2286	6
21	820140	45	101	20	2286	6
22	820142	47	101	22	2111	13
23	820144	44	101	19	1937	16
24	5003	56	102	26	2111	13
25	Lo Ch	52	102	15	2206	8
SE		1.1	1.0	1.0	194.0	
MEAN		48.5	101.2	20.5	2199.3	
CV		4.0	1.7	8.4	15.3	

**Appendix 7. Characteristics of entries in F2MLT-DM at
Derol , 1984-85**

Entry No.	IC./ ICC.No.	Days to 50% fl- owering	Days to matur ity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	820007	63	115	30	3327	6
2	820016	62	113	21	3100	16
3	820019	63	117	21	3357	5
4	820021	64	121	22	3235	10
5	820022	67	119	27	3429	4
6	820025	65	120	25	3253	9
7	820028	66	114	18	3319	7
8	820030	67	118	31	3000	20
9	820034	67	116	28	2601	23
10	820036	63	121	24	1928	24
11	820039	67	115	29	3138	13
12	820049	67	117	25	3126	15
13	820057	66	116	20	2750	22
14	820066	69	119	18	3581	2
15	820073	62	118	22	3283	8
16	820084	65	119	22	2870	21
17	820097	65	114	21	3034	17
18	820101	67	117	27	3129	14
19	820004	69	119	23	3031	18
20	820105	64	118	21	3013	19
21	820140	65	118	24	3545	3
22	820142	68	116	20	3192	12
23	820144	62	117	22	5149	1
24	5003	67	116	23	3229	11
25	Lo.Ch	66	117	20	3000	20
SE		1.8	1.7	1.1	448.8	
MEAN		65.4	117.2	23.3	3184.8	
CV		4.8	2.5	7.8	24.4	

Appendix B. Characteristics of entries in F2MLT-DM at
Sehore , 1984-85

Entry No.	IC./ ICC.No.	Days to 50% fl- owering	Days to matur ity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	820007	69	124	17	693	18
2	820016	70	126	16	936	8
3	820019	69	118	18	651	21
4	820021	69	125	19	689	19
5	820022	69	123	18	1295	1
6	820025	70	126	18	960	6
7	820028	68	117	18	968	5
8	820030	68	125	20	709	17
9	820034	69	124	19	717	15
10	820036	68	121	16	551	24
11	820039	69	125	20	654	20
12	820049	68	123	21	711	16
13	820057	71	126	17	885	12
14	820066	71	132	17	511	25
15	820073	69	123	18	892	11
16	820084	69	124	20	605	23
17	820097	69	119	15	1047	3
18	820101	69	131	13	641	22
19	820004	68	114	21	938	7
20	820105	68	124	13	901	10
21	820140	67	119	14	1277	2
22	820142	69	124	17	920	9
23	820144	68	114	15	728	14
24	5003	73	128	20	881	13
25	Lo. Ch	68	116	15	984	4
SE						
MEAN		69.0	122.9	17.4	829.7	
CV		1.6	1.7	10.9	40.3	

Appendix B. Characteristics of entries in P2HLT-DM at Gwalior, 1984-85

Entry No.	IC./ ICC.No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	820007	65	128	16	2729	1
2	820016	82	128	15	1960	16
3	820019	72	130	16	1722	20
4	820021	65	129	18	2071	12
5	820022	69	129	16	1991	14
6	820025	68	130	17	2237	8
7	820028	64	128	16	1785	18
8	820030	65	128	19	2562	3
9	820034	66	128	17	1539	22
10	820036	64	127	15	2063	13
11	820039	77	130	21	2523	4
12	820049	77	130	22	1785	18
13	820057	77	128	16	1952	17
14	820066	75	128	16	2380	6
15	820073	67	127	16	1991	14
16	820084	69	131	20	1753	19
17	820097	71	128	14	2063	13
18	820101	71	130	13	2396	5
19	820004	75	129	19	1547	21
20	820105	65	128	14	2309	7
21	820140	65	129	18	2618	2
22	820142	69	129	17	2150	11
23	820144	65	128	15	1967	15
24	5003	77	131	23	2198	9
25	Lo. Ch	65	127	13	2190	10
SE		4.9	0.8	0.7	230.0	
MEAN		69.9	128.7	16.9	2099.2	
CV		1.1	1.1	2.5	19.0	

Appendix 10. Characteristics of entries in P2MLT-DW at
Farbhani, 1984-85

Entry No.	IC./ ICC.No.	Days to 50% fl- owering	Days to matur ity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	820007	42	94	18	1384	16
2	820016	52	98	18	1329	21
3	820019	40	94	19	1647	4
4	820021	43	94	21	1326	22
5	820022	44	95	21	1560	6
6	820025	42	96	19	1178	24
7	820028	42	94	18	1522	9
8	820030	44	95	22	1549	8
9	820034	43	94	20	1429	13
10	820036	43	97	17	1446	11
11	820039	47	100	22	1445	12
12	820049	45	101	25	1304	23
13	820057	52	98	15	1368	19
14	820066	50	99	19	1367	20
15	820073	42	95	19	1754	1
16	820084	44	94	21	1379	17
17	820097	42	95	18	1398	14
18	820101	45	100	16	1375	18
19	820004	42	96	16	1390	15
20	820105	41	96	18	1455	10
21	820140	42	98	19	1613	5
22	820142	40	97	19	1675	3
23	820144	51	96	19	1557	7
24	5003	51	100	26	1083	25
25	Lo. Ch	40	93	14	1740	2
SE		0.4	0.6	0.1	147.8	
MEAN		44.4	96.3	19.1	1451.0	
CV		1.5	1.1	0.9	17.6	

Appendix 11. Characteristics of entries in F2MLT DL
at Berthín, 1984-85

Entry No	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Yield kg/ha	Rank
1	820155	122	164	12	1438	13
2	820163	122	165	16	1488	12
3	820164	122	164	16	1808	4
4	820165	124	166	15	2025	1
5	820169	123	167	19	1673	7
6	820175	123	164	12	1111	18
7	820193	123	168	17	1531	9
8	820194	122	158	17	969	20
9	820220	123	163	17	1204	16
10	820227	121	160	20	1543	8
11	820282	123	164	15	1889	2
12	820303	122	159	13	1068	19
13	820304	122	157	12	1414	14
14	820307	122	164	15	1543	8
15	820315	123	163	19	1438	13
16	820317	122	160	17	1679	6
17	820319	122	162	14	1871	3
18	820320	123	162	19	1253	15
19	820330	121	156	14	895	21
20	820335	123	164	19	1494	11
21	820337	122	158	14	1253	15
22	820338	123	167	16	1488	12
23	820339	122	157	15	1124	17
24	4948	124	166	14	1796	5
25	Lo.ch	122	159	12	1512	10
SE		0.7	2.5	0.6	317.5	
Mean		122.4	162.3	15.5	1460.3	
CV		1.0	2.7	7.2	37.7	

**Appendix 12. Characteristics of entries in P2MLT BL
at New Delhi, 1984-85**

Entry No	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Yield	
					kg/ha	Rank
1	820155	100	126	11	2007	13
2	820163	93	127	14	1833	15
3	820164	100	141	15	2285	6
4	820165	100	127	12	1476	23
5	820169	100	141	16	2459	1
6	820175	97	126	12	2142	10
7	820193	100	126	17	2380	4
8	820194	95	137	12	1825	16
9	820220	95	127	16	1444	24
10	820227	100	155	17	1023	25
11	820282	100	129	13	2126	11
12	820303	100	141	12	1761	21
13	820304	100	142	11	2420	3
14	820307	100	141	15	2309	5
15	820315	100	139	17	1769	20
16	820317	100	127	15	2055	12
17	820319	100	127	14	2174	8
18	820320	95	126	16	1801	18
19	820330	100	142	13	2166	9
20	820335	100	125	15	1595	22
21	820337	100	139	13	2253	7
22	820338	100	142	16	1912	14
23	820339	100	125	14	1817	17
24	4948	100	144	12	2428	2
25	Lo. ch	93	126	11	1777	19
SE		2.7	-	0.7	272.9	
Mean		98.7	133.9	13.9	1969.4	-
CV		4.7		8.5	24.0	

**Appendix 13. Characteristics of entries in F2MLT DL
at Sriganaganagar, 1984-85**

Entry No	IC./ICC No.	Yield	
		kg/ha	Rank
1	820155	3687	14
2	820163	3319	22
3	820164	3868	12
4	820165	3368	21
5	820169	3646	15
6	820175	3542	19
7	820193	4076	5
8	820194	4292	1
9	820220	4153	2
10	820227	4035	7
11	820282	3909	10
12	820303	3437	20
13	820304	3944	9
14	820307	4069	6
15	820315	3882	11
16	820317	4118	4
17	820319	3069	24
18	820320	3556	18
19	820330	3618	17
20	820335	3646	16
21	820337	3542	19
22	820338	3785	13
23	820339	3167	23
24	4948	3986	8
25	Lo.ch	4125	3
SE		272.8	
Mean		3753.5	
CV		12.6	

**Appendix 14. Characteristics of entries in F3MLT DS
at Ishurdi, 1984-85**

Ent- ry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	820110	67	127	21	2743	4
2	820023	64	126	29	2639	6
3	820024	69	125	17	2418	10
4	820027	63	125	15	1823	13
5	820033	67	124	18	2730	5
6	820102	69	126	24	2470	9
7	820044	64	127	17	2603	7
8	820034	68	124	20	2470	9
9	820058	70	126	22	2925	2
10	820059	64	124	20	2821	3
11	820060	63	125	16	3211	1
12	820069	66	127	15	2587	8
13	4918	64	125	21	2382	11
14	Lo.ch.	71	125	13	1963	12

SE		2.6	1.0	2.1	164.0	
MEAN		66.3	125.4	19.2	2556.0	
CV		6.9	1.4	19.0	11.1	

**Appendix 15. Characteristics of entries in F3MLT DS
at Patancheru, 1984-85**

Ent- ry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810001	47	102	22	2349	5
2	810002	40	99	24	2683	1
3	810011	46	99	21	2286	7
4	810016	49	102	18	2016	14
5	810030	46	107	16	2079	12
6	810034	42	98	26	2080	11
7	810051	45	102	19	2079	12
8	810052	51	100	17	2175	9
9	810070	47	103	21	2191	8
10	810092	45	101	22	2524	3
11	810095	47	101	17	2508	4
12	810098	50	103	16	2127	10
13	4918	48	99	20	2349	5
14	Lo.ch	46	99	19	2667	2

SE		0.9	0.9	1.4	207.6	
Mean		46.4	101.0	19.2	2293.7	
CV		3.2	1.5	11.8	15.7	

**Appendix 16. Characteristics of entries in F3MLT DS
at Arnej , 1984-85**

Ent-ry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810001	67	122	23	2478	14
2	810002	61	118	25	3231	2
3	810011	66	126	21	2763	7
4	810016	60	125	15	2953	4
5	810030	75	129	14	2617	9
6	810034	69	119	28	2588	11
7	810051	68	125	18	2719	8
8	810052	73	126	17	2544	13
9	810070	73	130	23	2573	12
10	810092	73	127	21	2602	10
11	810095	68	121	16	2836	5
12	810098	68	128	16	2968	3
13	4918	68	126	20	2822	6
14	Lo.ch	70	129	15	3553	1

SE		0.4	0.4	0.3	127.9	
Mean		68.6	125.2	19.4	2803.4	
CV		0.9	0.5	3.1	7.9	

**Appendix 17. Characteristics of entries in F3MLT DS
at Junagadh , 1984-85**

Ent-ry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810001	54	97	25	1354	14
2	810002	50	93	31	1712	7
3	810011	52	92	26	1697	8
4	810016	48	92	16	1939	2
5	810030	53	98	16	1419	13
6	810034	49	93	34	2100	1
7	810051	51	96	21	1580	11
8	810052	57	96	19	1727	6
9	810070	55	97	21	1500	12
10	810092	53	97	21	1851	5
11	810095	54	92	18	1610	10
12	810098	52	95	20	1873	4
13	4918	51	93	26	1654	9
14	Lo.ch	49	92	13	1888	3

SE		1.4	0.7	0.4	165.6	
Mean		52.0	94.5	21.9	1707.4	
CV		4.6	1.3	3.1	16.8	

**Appendix 18. Characteristics of entries in F3MLT DS
at Akola , 1984-85**

Ent-ry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810001	42	97	22	1016	9
2	810002	40	89	29	1397	13
3	810011	42	94	20	1349	11
4	810016	40	95	16	1175	10
5	810030	42	100	16	984	3
6	810034	42	97	31	1262	8
7	810051	41	99	26	802	5
8	810052	51	102	22	1016	1
9	810070	42	100	25	778	4
10	810092	42	98	27	1111	7
11	810095	43	98	17	904	6
12	810098	42	101	19	952	2
13	4918	42	92	20	1254	12
14	Lo.ch	53	102	12	1016	1
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SE		0.9	1.6	1.7	133.8	
Mean		43.1	97.4	21.7	1072.5	
CV		3.8	2.8	13.5	21.6	

**Appendix 19. Characteristics of entries in F3MLT DS
at Rahuri , 1984-85**

Ent-ry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810001	49	110	18	1825	3
2	810002	41	109	23	2031	1
3	810011	49	107	22	1920	2
4	810016	44	107	16	1634	8
5	810030	44	112	17	1825	3
6	810034	49	112	24	1714	6
7	810051	44	110	23	1777	5
8	810052	55	113	18	1682	7
9	810070	46	110	19	1682	7
10	810092	47	110	20	1825	3
11	810095	44	108	17	1809	4
12	810098	43	109	17	1491	10
13	4918	45	109	17	1714	6
14	Lo.ch	42	106	19	1539	9
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SE		0.2	0.1	1.8	83.4	
Mean		45.9	109.4	19.1	1747.6	
CV		0.7	0.2	16.7	8.3	

**Appendix 20. Characteristics of entries in P3MLT DS
at Navgaon , 1984-85**

Ent-ry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Seed Yield kg/ha	Rank
1	810001	58	137	645	4
2	810002	50	138	389	14
3	810011	52	139	537	9
4	810016	49	137	523	10
5	810030	53	136	631	6
6	810034	51	139	646	3
7	810051	53	138	489	12
8	810052	63	138	794	1
9	810070	53	138	560	8
10	810092	57	136	505	11
11	810095	56	137	632	5
12	810098	53	137	786	2
13	4918	58	137	405	13
14	Lo.ch	84	140	600	7
SE		2.0	1.3	116.0	
Mean		56.4	137.5	581.5	
CV		6.0	1.7	34.5	

**Appendix 21. Characteristics of entries in F3MLT-DM
at Patancheru, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810009	48	99	18	1905	1
2	810021	50	95	14	1111	11
3	810025	60	102	15	1159	10
4	810027	47	101	19	1254	9
5	810028	53	100	16	1000	12
6	810037	52	97	21	1619	4
7	810045	54	97	14	1445	7
8	810047	60	100	13	1365	8
9	810049	54	99	16	1619	4
10	810053	53	97	13	1698	3
11	810076	53	96	18	1603	6
12	810091	50	96	18	1857	2
13	5003	58	102	23	825	14
14	Lo.ch	55	99	12	889	13
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SE		0.8	0.8	1.0	133.1	-
MEAN		53.3	98.6	16.5	1382.0	-
CV		2.5	1.4	10.3	16.7	-

**Appendix 22. Characteristics of entries in F3MLT-DM
at Dorel, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810009	65	117	20	3245	1
2	810021	63	111	15	3175	2
3	810025	70	116	19	2080	13
4	810027	64	115	22	2689	7
5	810028	68	116	21	2651	8
6	810037	67	115	20	2036	14
7	810045	67	115	16	3016	3
8	810047	71	118	16	2426	11
9	810049	68	114	20	2818	6
10	810053	66	111	14	2586	10
11	810076	67	114	21	2885	4
12	810091	65	113	18	2261	12
13	5003	68	120	30	2605	9
14	Lo.ch	65	114	19	2820	5
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SE		1.1	1.0	0.3	273.7	
MEAN		66.8	115.0	19.4	2663.8	
CV		2.9	1.6	2.4	17.8	

**Appendix 23. Characteristics of entries in P3MLT-DM
at Junagadh, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810009	51	98	18	1712	3
2	810021	50	93	15	2019	1
3	810025	54	99	21	1610	5
4	810027	52	98	20	1866	2
5	810028	54	99	18	1522	10
6	810037	53	98	21	1566	6
7	810045	55	98	16	1558	7
8	810047	56	99	15	1383	12
9	810049	57	98	19	1544	9
10	810053	53	96	16	1610	5
11	810076	53	97	19	1705	4
12	810091	53	98	19	1566	6
13	5003	53	98	30	1449	11
14	Lo.ch	53	97	16	1551	8
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SE		0.5	0.5	0.3	179.9	
MEAN		53.4	97.6	18.9	1618.6	
CV		1.5	0.8	3.0	19.3	

**Appendix 24. Characteristics of entries in P3MLT-DM
at Gulbarga, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flowering	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810009	69	18	988	2
2	810021	67	14	841	6
3	810025	73	17	790	9
4	810027	65	18	937	3
5	810028	69	16	857	5
6	810037	65	18	794	8
7	810045	75	14	754	10
8	810047	72	12	897	4
9	810049	74	15	694	13
10	810053	75	12	714	12
11	810076	73	17	675	14
12	810091	60	17	825	7
13	5003	72	25	750	11
14	Lo.ch	69	20	1214	1
SE		0.5	0.2	109.6	
MEAN		69.8	16.5	837.9	
CV		1.2	1.9	22.7	

**Appendix 25. Characteristics of entries in F3MILT-DN
at Schoro, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810009	68	126	16	992	5
2	810021	68	129	12	992	5
3	810025	70	131	18	1063	4
4	810027	67	130	16	947	6
5	810028	70	127	17	1122	3
6	810037	69	128	18	916	7
7	810045	69	124	16	841	10
8	810047	72	130	12	750	11
9	810049	71	127	17	876	9
10	810053	69	124	12	1203	1
11	810076	69	127	18	638	13
12	810091	68	123	15	881	8
13	5003	73	131	26	643	12
14	Lo. ch	67	120	15	1150	2
SE		0.5	1.3	0.6	209.7	
MEAN		69.3	126.5	16.3	929.4	
CV		1.3	1.8	6.1	39.1	

**Appendix 26. Characteristics of entries in F3MILT-DN
at Ovalior, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810009	60	143	17	2372	8
2	810021	60	140	14	2396	7
3	810025	72	141	17	2586	2
4	810027	59	141	16	2515	3
5	810028	68	140	14	2253	10
6	810037	61	143	17	2190	12
7	810045	64	141	14	2364	9
8	810047	71	141	13	2086	13
9	810049	70	140	16	2459	5
10	810053	65	142	13	2507	4
11	810076	61	142	16	2650	1
12	810091	60	141	15	2245	11
13	5003	52	96	16	1222	14
14	Lo. ch	64	141	12	2436	6
SE		7.0	12.9	2.1	252.7	
MEAN		63.3	138.1	14.9	2305.8	
CV		19.0	16.2	25.0	19.0	

**Appendix 27. Characteristics of entries in P3HLT-DH
at New Delhi, 1984-85**

Entry No.	IC./ICC No.	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810009	18	2475	5
2	810021	15	1936	11
3	810025	19	2166	7
4	810027	18	1999	10
5	810028	14	2872	1
6	810037	20	2102	8
7	810045	16	2626	3
8	810047	15	2618	4
9	810049	17	1999	10
10	810053	9	1626	13
11	810076	18	2769	2
12	810091	19	2047	9
13	5003	27	1896	12
14	Lo.ch	14	2372	6

SE		1.6	291.5	
MEAN		17.1	2250.2	
CV		16.6	22.4	

**Appendix 28. Characteristics of entries in P3HLT-DH
at Faridkot, 1984-85**

Entry No.	IC./ICC No.	Seed Yield kg/ha	Rank
1	810009	1561	4
2	810021	1442	6
3	810025	1428	7
4	810027	1637	3
5	810028	1777	2
6	810037	1477	5
7	810045	1310	11
8	810047	1372	8
9	810049	1352	9
10	810053	1223	12
11	810076	1317	10
12	810091	1310	11
13	5003	1076	13
14	Lo.ch	1801	1

SE		140.0	
MEAN		1434.4	
CV		16.9	

Appendix 29. Characteristics of entries in P3MLT-DH
at Navgaon, 1984-85

Entry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Seed Yield kg/ha	Rank
1	810009	56	138	858	8
2	810021	70	132	896	6
3	810025	83	139	811	9
4	810027	55	137	738	12
5	810028	76	140	792	11
6	810037	60	135	527	13
7	810045	78	136	871	7
8	810047	77	139	1411	1
9	810049	69	136	808	10
10	810053	75	136	904	5
11	810076	77	136	1011	3
12	810091	67	140	1317	2
13	5003	85	139	927	4
14	Lo.ch	90	138	432	14
SE					
		3.7	1.5	194.7	
MEAN		72.8	137.2	878.7	
CV		8.7	1.9	38.4	

Appendix 30 Characteristics of entries in P3MLT-DH
at Kanpur, 1984-85

Entry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810009	87	145	15	4132	1
2	810021	73	142	13	3731	3
3	810025	77	150	14	3515	6
4	810027	73	148	13	3268	7
5	810028	76	149	14	3515	6
6	810037	74	148	13	3638	5
7	810045	73	147	13	3700	4
8	810047	87	147	13	3145	8
9	810049	82	149	14	3268	7
10	810053	78	148	13	3145	8
11	810076	86	147	14	3885	2
12	810091	83	142	13	3268	7
13	5003	79	148	25	3083	9
14	Lo.ch	76	148	13	3700	4
SE		1.6	1.2	0.1	421.0	
MEAN		79.0	146.9	14.3	3499.6	
CV		3.6	1.4	1.2	20.8	

Appendix 31. Characteristics of entries in F3MLT-DL
at ICRISAT-Hisar , 1984-85

Entry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810128	89	165	11	1872	13
2	810258	88	166	16	2301	9
3	810260	91	166	15	2174	10
4	810263	90	166	11	2347	4
5	810264	86	167	14	2166	11
6	810267	87	166	15	2339	5
7	810275	89	165	11	2967	1
8	810278	91	167	14	2967	1
9	810280	88	166	10	2356	7
10	810302	89	167	10	2562	3
11	810316	90	166	11	2674	2
12	810325	89	166	11	2309	8
13	4948	93	166	11	2412	6
14	Lo.ch	91	166	11	2102	12
SE		0.8	0.4	0.4	507.5	
MEAN		89.3	166.1	12.2	2526.6	
CV		1.6	0.4	5.6	17.4	

Appendix 32. Characteristics of entries in F3MLT-DL
at Berthin, 1984-85

Entry No.	IC./ICC No.	Days to 50% flowering	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810128	121	168	14	1951	11
2	810258	121	167	17	2370	7
3	810260	122	168	17	2265	8
4	810263	122	171	13	2488	6
5	810264	122	168	15	2766	4
6	810267	121	164	16	2012	10
7	810275	121	164	13	2741	5
8	810278	121	162	17	2247	9
9	810280	122	164	13	2846	3
10	810302	120	158	13	1764	12
11	810316	120	159	13	1759	13
12	810325	121	168	13	2939	2
13	4948	122	170	13	2982	1
14	Lo.ch	121	158	14	1697	14
SE		0.8	2.3	0.4	270.4	
MEAN		121.2	165.0	14.4	2344.7	
CV		1.1	2.4	5.3	27.0	

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**Appendix 33. Characteristics of entries in F3MILT-DL
at New Delhi, 1984-85**

Entry IC./IOC Seed Yield			
No.	No.	kg/ha	Rank
1	810128	1872	7
2	810258	1658	13
3	810260	2221	1
4	810263	1856	8
5	810264	2015	5
6	810267	1579	14
7	810275	1833	9
8	810278	1777	11
9	810280	2205	2
10	810302	1761	12
11	810316	1904	6
12	810325	2079	4
13	4948	2198	3
14	Lo.ch	1825	10
SE 172.4			
MEAN 1913.1			
CV 15.6			

**Appendix 34. Characteristics of entries in F3MILT-DL
at Faridkot, 1984-85**

Entry IC./IOC Seed Yield			
No.	No.	kg/ha	Rank
1	810128	1310	14
2	810258	1560	9
3	810260	1518	11
4	810263	1643	6
5	810264	1511	12
6	810267	1615	8
7	810275	1636	7
8	810278	1435	13
9	810280	1706	4
10	810302	1976	2
11	810316	1553	10
12	810325	1914	3
13	4948	1692	5
14	Lo.ch	2129	1
SE 152.5			
MEAN 1657.1			
CV 15.9			

**Appendix 35. Characteristics of entries in P3MLT-DL
at Sriganaganagar, 1984-85**

Entry IC./ICC		Seed Yield	
No.	No.	kg/ha	Rank
1	810128	3396	7
2	810258	3243	8
3	810260	2750	13
4	810263	3159	9
5	810264	3611	1
6	810267	2833	11
7	810275	3576	2
8	810278	3437	5
9	810280	3444	4
10	810302	3424	6
11	810316	2923	10
12	810325	2618	14
13	4948	2792	12
14	Lo.ch	3528	3
SE		276.9	
MEAN		3195.4	
CV		15.0	

**Appendix 36. Characteristics of entries in P3MLT-DL
at Navgaon, 1984-85**

Entry No.	IC./ICC No.	Days to		Seed Yield	
		50% flo- vering	matu- rity	kg/ha	Rank
1	810128	94	144	149	10
2	810258	87	141	202	7
3	810260	88	142	304	3
4	810263	92	142	178	8
5	810264	92	145	259	4
6	810267	88	145	174	9
7	810275	89	139	309	2
8	810278	93	141	210	6
9	810280	95	144	129	12
10	810302	95	142	99	13
11	810316	94	143	140	11
12	810325	86	144	389	1
13	4948	97	144	92	14
14	Lo.ch	87	136	231	5
SE		1.7	1.8	61.3	
MEAN		91.2	142.3	204.7	
CV		3.3	2.1	51.9	

**Appendix 37. Characteristics of entries in P3MLT-DL
at Pantnagar, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810128	83	135	12	182	7
2	810258	81	134	18	341	3
3	810260	83	132	14	127	10
4	810263	83	132	12	175	8
5	810264	81	133	15	238	6
6	810267	82	134	16	238	6
7	810275	81	131	13	428	2
8	810278	81	131	17	159	9
9	810280	82	131	12	254	5
10	810302	80	130	13	182	7
11	810316	82	132	13	238	6
12	810325	82	132	12	238	6
13	4948	83	134	14	524	1
14	Lo.ch	84	134	13	317	4
SE		0.8	1.0	0.3	95.5	
MEAN		82.0	132.5	13.8	260.1	
CV		1.7	1.3	3.3	63.6	

**Appendix 38. Characteristics of entries in P3MLT-DL
at Kanpur, 1984-85**

Entry No.	IC./ICC No.	Days to 50% flo- vering	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	810128	89	148	13	2713	8
2	810258	87	150	13	2467	10
3	810260	83	147	13	3515	1
4	810263	85	150	13	2898	6
5	810264	82	150	13	2343	11
6	810267	83	149	13	2837	7
7	810275	79	150	13	2713	8
8	810278	85	149	13	2590	9
9	810280	86	150	13	3207	2
10	810302	82	149	13	3022	4
11	810316	79	149	13	2960	5
12	810325	93	148	12	3022	4
13	4948	79	150	13	3083	3
14	Lo.ch	78	149	13	2837	7
SE		1.6	1.2	0.1	281.5	
MEAN		83.5	149.0	12.8	2871.9	
CV		3.4	1.3	1.0	17.0	

Appendix 39. Characteristics of entries in ICSN-DS at
Jessore, 1984-85

Entry No.	ICCL./ ICC.No	Days to 50% Flo vering	Plant height (cm)	Days to matur ity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	82108	84	66	115	17	2919	16
2	82211	75	66	114	14	3128	6
3	82230	66	69	116	17	2502	33
4	83134	66	65	115	16	1668	59
5	83209	74	72	115	21	2294	41
6	83222	61	54	112	16	3128	6
7	83224	64	67	113	15	3128	6
8	83232	66	78	115	15	2711	22
9	84201	75	74	116	17	1668	59
10	84202	62	64	113	10	3128	6
11	84203	59	67	115	22	2711	22
12	84204	66	66	116	21	2294	41
13	84205	66	74	118	18	3336	1
14	84206	66	69	115	14	2294	41
15	84207	66	79	116	21	2585	32
16	84208	64	70	116	11	2085	50
17	84209	66	77	118	22	2711	22
18	84210	67	67	116	20	3336	1
19	84211	66	74	115	21	2919	16
20	84212	64	71	115	15	2711	22
21	84213	62	61	115	15	813	63
22	84214	66	81	116	18	2294	41
23	84215	63	83	116	23	3128	6
24	84216	76	74	116	32	1877	56
25	84217	66	64	113	13	3336	1
26	84218	64	53	113	14	3128	6
27	84219	67	58	115	17	2502	33
28	84220	66	76	115	16	3128	6
29	84221	75	69	115	22	2502	33
30	84222	66	66	115	15	2502	33

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Appendix 39 cont...

Entry No.	IOCL./ IOC.No	Days to 50% Flo vering	Plant height ht(cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
31	84223	66	71	115	17	2502	33
32	84224	74	67	116	18	2711	22
33	84225	75	70	118	22	2085	50
34	84226	74	69	114	21	3128	6
35	84227	66	73	116	18	2085	50
36	84228	62	57	116	16	3336	1
37	84229	74	62	118	14	2711	22
38	84230	64	67	115	19	3336	1
39	84231	66	61	112	21	2294	41
40	84232	64	52	112	19	2919	16
41	84233	66	63	113	26	3128	6
42	84234	65	64	115	25	1668	59
43	84235	75	60	115	17	2294	41
44	84236	65	43	114	16	1668	59
45	84237	74	71	116	22	2294	41
46	84238	59	67	118	19	2502	33
47	84239	95	63	118	22	2294	41
48	84240	64	53	115	16	2502	33
49	84241	67	60	114	17	1877	56
50	84242	67	64	113	24	2919	16
51	84243	62	57	116	17	2294	41
52	84244	66	76	118	15	2085	50
53	84245	64	72	116	17	2711	22
54	84246	65	69	116	18	2711	22
55	84247	66	67	115	24	1877	56
56	84248	65	56	115	21	2711	22
57	84249	65	79	115	20	2919	16
58	84250	63	44	114	20	2085	50
59	84251	61	48	113	20	2502	33
60	12237	64	74	116	17	3128	6
61	4918	67	66	115	21	2721	21
62	4951	67	59	113	15	2711	22
63	Lo.ch	72	58	114	10	1998	55
<hr/>							
SE		1.2	1.9	0.4	2.2	169.2	
Mean		67.3	66.0	115.1	18.3	2558.3	
CV		4.3	7.6	0.9	36.0	16.7	

Appendix 40. Characteristics of entries in ICSN-DS at
BARI, Ishurdi, 1984-85

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	82108	67	54	128	19	4046	4
2	82211	80	74	142	16	4189	3
3	82230	71	80	146	17	3403	12
4	83134	71	103	141	18	1309	54
5	83209	79	76	138	22	3594	11
6	83222	68	98	145	17	1357	53
7	83224	71	72	144	16	3142	16
8	83232	70	82	140	17	2904	23
9	84201	61	84	145	14	1737	45
10	84202	60	105	144	16	1404	52
11	84203	61	104	143	14	976	59
12	84204	78	90	144	20	1809	43
13	84205	64	87	149	17	2071	40
14	84206	69	83	141	16	3760	7
15	84207	61	95	144	20	1666	46
16	84208	61	85	141	14	2190	37
17	84209	82	100	143	19	1618	47
18	84210	66	89	148	20	2499	32
19	84211	62	103	144	23	1452	50
20	84212	82	108	148	24	714	61
21	84213	63	76	148	17	2927	21
22	84214	63	112	146	16	143	63
23	84215	80	102	142	21	3713	8
24	84216	81	94	143	30	3094	18
25	84217	67	64	138	13	3951	5
26	84218	65	78	134	14	3094	18
27	84219	80	92	141	16	2927	21
28	84220	79	90	142	14	857	60
29	84221	81	102	142	14	2142	39
30	84222	69	94	142	15	2237	35
31	84223	71	99	145	17	3189	14
32	84224	72	89	143	20	4213	2
33	84225	67	77	144	21	4546	1
34	84226	80	92	143	22	3046	20
35	84227	65	83	144	20	2537	30

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Appendix 40 Cont...

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
36	84228	61	123	133	19	1975	41
37	84229	79	102	141	26	1785	44
38	84230	73	89	140	20	3713	8
39	84231	71	95	142	18	2761	27
40	84232	69	82	143	19	3618	10
41	84233	81	80	141	25	2237	35
42	84234	63	96	153	26	3142	16
43	84235	66	64	141	17	3832	6
44	84236	61	73	142	18	2261	34
45	84237	79	113	147	23	1142	56
46	84238	68	90	143	18	1190	55
47	84239	68	76	140	23	3189	14
48	84240	62	83	145	16	1142	56
49	84241	62	94	142	17	3237	13
50	84242	63	92	143	25	1428	51
51	84243	65	85	144	17	1618	47
52	84244	80	99	156	17	476	62
53	84245	61	106	146	18	2856	25
54	84246	69	69	146	20	2808	26
55	84247	70	74	146	20	1071	58
56	84248	66	88	139	22	2570	28
57	84249	70	94	146	20	1595	49
58	84250	67	80	140	20	2451	33
59	84251	67	93	150	21	1880	42
60	12237	66	90	142	18	2523	31
61	4918	68	87	144	19	2190	37
62	4951	67	83	140	16	2904	23
63	Lo.ch	72	73	141	11	2566	29
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	SE	1.0	3.0	0.9	1.7	145.8	
	Mean	69.5	88.7	143.3	18.5	2422.5	
	CV	3.7	9.2	1.6	27.4	14.0	

Appendix 41. Characteristics of entries in ICUM-DS at
ARS, Ishrdi, 1984-85

Entry No.	ICCL./ ICC.No	Days to 50% Flo vering	Plant heig ht(cm)	Days to matur ity	Seed yield	
					kg/ha	Rank
1	82108	59	66	124	3321	2
2	82211	71	72	128	1956	52
3	82230	71	74	129	2895	9
4	83134	66	63	126	2754	14
5	83209	73	82	131	1643	60
6	83222	53	65	127	2817	10
7	83224	68	84	134	2582	21
8	83232	71	72	127	1956	52
9	84201	67	58	128	3130	5
10	84202	59	87	130	1800	58
11	84203	58	61	125	2035	48
12	84204	70	64	125	2191	41
13	84205	67	70	126	3600	1
14	84206	72	78	130	2348	31
15	84207	71	77	131	1878	54
16	84208	60	76	134	2269	37
17	84209	68	83	129	2269	37
18	84210	66	67	128	2426	30
19	84211	70	80	129	2035	48
20	84212	69	84	127	3287	4
21	84213	68	55	124	2739	17
22	84214	70	77	129	2035	48
23	84215	69	81	128	2927	8
24	84216	73	65	126	2191	41
25	84217	67	75	128	2504	25
26	84218	64	68	128	1502	61
27	84219	71	74	125	2269	37
28	84220	76	75	131	1722	59
29	84221	74	74	128	2348	31
30	84222	71	72	128	3396	3
31	84223	61	68	127	2754	14
32	84224	72	65	127	3130	5
33	84225	66	79	130	2739	17
34	84226	81	64	127	2817	10
35	84227	67	65	127	2504	25

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Appendix 41 Cont...

Entry No.	ICCL./ ICC.No	Days to 50% Flo vering	Plant height (cm)	Days to matur ity	Seed yield	
					kg/ha	Rank
36	84228	63	65	127	3130	5
37	84229	70	71	134	2614	19
38	84230	71	54	125	313	63
39	84231	70	77	129	2348	31
40	84232	68	62	127	2582	21
41	84233	71	76	130	2348	31
42	84234	70	74	130	2504	25
43	84235	63	58	129	2035	48
44	84236	70	45	124	2348	31
45	84237	70	66	127	1878	54
46	84238	66	85	136	1330	62
47	84239	68	73	129	2614	19
48	84240	71	69	129	2348	31
49	84241	70	71	130	2582	21
50	84242	72	73	129	2113	46
51	84243	65	59	124	2191	41
52	84244	68	60	129	1878	54
53	84245	61	72	125	2191	41
54	84246	67	65	124	2754	14
55	84247	67	68	128	2191	41
56	84248	67	64	126	2817	10
57	84249	66	59	124	2504	25
58	84250	65	59	125	2269	37
59	84251	61	67	129	2504	25
60	12237	66	63	124	2817	10
61	4918	66	68	128	2559	24
62	4951	65	64	125	1802	57
63	Lo.ch	71	58	126	2061	47
SE						
Mean		1.5	2.2	0.5	157.0	
CV		67.7	69.3	127.8	2390.3	
		5.4	8.4	1.0	18.0	

Appendix 42. Characteristics of entries in ICSN-DS at
Prvanipur, 1984-85

Entry No.	ICCL./ ICC.No	Plant height (cm)	Days to maturity	Weight of 100 seeds	Seed yield kg/ha (g)	Rank
1	82108	34	150	17	751	5
2	82211	34	161	18	313	51
3	82230	33	152	21	438	34
4	83134	30	150	18	501	24
5	83309	28	163	23	250	57
6	83222	29	150	29	610	12
7	83224	35	150	23	470	32
8	83232	37	153	24	407	38
9	84201	15	152	20	470	32
10	84202	28	152	18	313	51
11	84203	29	150	*	*	*
12	84204	26	165	*	157	60
13	84205	30	150	22	673	7
14	84206	29	165	17	282	57
15	84207	31	150	20	485	29
16	84208	38	152	19	563	17
17	84209	32	151	23	360	48
18	84210	29	160	23	516	22
19	84211	28	150	22	626	8
20	84212	35	150	*	407	38
21	84213	32	164	18	595	14
22	84214	29	160	21	376	44
23	84215	34	150	26	548	20
24	84216	33	160	32	563	17
25	84217	36	151	17	689	6
26	84218	31	163	24	563	17
27	84219	28	161	19	783	4
28	84220	34	159	20	485	29
29	84221	28	151	21	501	24
30	84222	30	161	20	501	24

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Appendix 42 cont.

Entry No.	ICCL./ ICC.No	Plant ht(cm)	Days to matur ity	Weight of 100 seeds	yield	
					kg/ha	Rank
					(g)	
31	84223	36	152	*	313	51
32	84224	31	165	21	219	58
33	84225	30	152	24	595	14
34	84226	28	161	24	407	38
35	84227	31	159	24	501	24
36	84228	33	152	19	407	38
37	84229	30	152	17	595	14
38	84230	24	150	23	360	48
39	84231	31	162	22	376	44
40	84232	31	153	20	219	58
41	84233	25	165	20	610	12
42	84234	26	152	22	313	51
43	84235	23	151	17	313	51
44	84236	25	160	21	485	29
45	84237	27	150	11	923	1
46	84238	27	150	21	626	8
47	84239	29	151	22	*	*
48	84240	27	152	19	438	34
49	84241	36	162	20	626	8
50	84242	30	150	26	376	44
51	84243	28	152	18	376	44
52	84244	23	165	18	438	34
53	84245	32	150	*	*	*
54	84246	26	152	20	626	8
55	84247	28	152	23	532	21
56	84248	33	152	16	344	50
57	84249	28	152	23	829	3
58	84250	27	160	*	438	34
59	84251	34	150	18	516	22
60	12237	28	161	20	407	38
61	4918	29	157	24	402	43
62	4951	32	157	29	488	28
63	Lo.ch	31	159	14	876	2
SE		0.6	0.4	3.0	103.3	
Mean		29.9	155.2	20.9	486.1	
CV		4.6	0.6	33.0	43.0	

Appendix 43. Characteristics of entries in IC5N-08 at
Patancheru, 1984-85

Entry No.	ICCL./ ICC.No	Days to 50% Flo vering	Plant heig ht(cm)	Days to matur ity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	82108	44	30	96	15	1762	9
2	82211	33	26	97	15	1286	33
3	82230	42	27	94	18	1619	24
4	83134	31	32	94	16	1524	28
5	83209	42	19	90	21	1429	30
6	83222	32	32	96	13	1190	40
7	83224	41	23	93	15	1714	10
8	83232	32	33	96	16	1238	35
9	84201	39	27	93	17	1714	10
10	84202	38	30	93	18	1238	35
11	84203	38	30	90	21	1238	35
12	84204	40	27	96	24	2429	1
13	84205	41	23	92	17	1524	24
14	84206	37	27	97	15	1667	15
15	84207	42	25	93	22	1524	24
16	84208	48	27	89	12	238	55
17	84209	50	31	96	21	1524	24
18	84210	44	25	97	18	1000	44
19	84211	45	31	92	21	1571	22
20	84212	51	31	98	22	1714	10
21	84213	51	31	96	15	1333	31
22	84214	49	29	98	16	667	49
23	84215	51	29	97	22	1714	10
24	84216	52	27	98	27	429	53
25	84217	51	31	91	-	-	-
26	84218	51	26	93	14	952	45
27	84219	50	-	-	-	-	-
28	84220	52	31	99	14	190	56
29	84221	51	36	92	16	810	47
30	84222	53	-	-	-	-	-

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Appendix 43 contd.

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
31	84223	49	27	94	17	1429	28
32	84224	55	36	97	19	1333	31
33	84225	44	30	99	22	1190	40
34	84226	53	30	97	20	1619	18
35	84227	45	25	94	20	2000	5
36	84228	44	31	93	16	1810	8
37	84229	50	24	89	15	1095	42
38	84230	—	—	—	—	—	—
39	84231	51	27	90	13	95	58
40	84232	40	22	89	20	810	47
41	84233	37	18	87	22	143	57
42	84234	39	25	90	23	857	46
43	84235	43	20	98	15	1095	42
44	84236	42	27	91	17	1619	18
45	84237	44	32	96	24	2143	2
46	84238	42	26	92	17	1286	33
47	84239	42	30	96	20	1714	10
48	84240	46	24	90	16	1238	35
49	84241	46	27	94	17	2048	3
50	84242	38	25	91	20	571	51
51	84243	51	26	94	17	571	51
52	84244	48	26	98	14	1571	22
53	84245	38	22	89	17	1619	18
54	84246	41	22	92	15	333	54
55	84247	43	22	94	19	1429	28
56	84248	45	32	93	21	1667	15
57	84249	42	24	93	18	1905	7
58	84250	42	15	91	17	619	50
59	84251	49	35	97	21	1238	35
60	12237	48	36	94	19	1667	15
61	4918	47	25	97	19	1929	6
62	4951	52	29	—	—	—	—
63	Lo.ch	44	27	94	18	2024	4
SE		1.6	0.8	0.9	0.3	27.5	
Mean		46.1	27.4	93.9	18.0	1308.7	
CV		8.4	7.4	2.2	4.5	3.4	

**Appendix 44. Characteristics of entries in ICEN-DS at
Junagadh , 1984-85**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	82108	50	33	110	19	2252	19
2	82211	59	30	107	15	2377	10
3	82230	51	31	109	20	1960	37
4	83134	57	27	107	20	2669	2
5	83309	54	30	107	23	2711	1
6	83222	56	30	110	17	2398	9
7	83224	51	30	102	20	2335	13
8	83232	58	35	106	19	2294	18
9	84201	50	26	99	20	2252	19
10	84202	50	33	102	20	2002	32
11	84203	49	22	99	22	2002	32
12	84204	50	30	103	23	2356	12
13	84205	53	30	106	20	1918	42
14	84206	58	28	109	16	1605	56
15	84207	51	30	105	23	1877	45
16	84208	50	28	108	17	2314	16
17	84209	53	36	107	24	1939	39
18	84210	53	36	108	19	2439	7
19	84211	53	31	109	24	1835	46
20	84212	54	35	107	23	2544	5
21	84213	58	31	108	17	2439	7
22	84214	52	34	101	22	1981	36
23	84215	55	29	109	22	2189	25
24	84216	59	36	107	30	1710	52
25	84217	57	34	108	17	1960	37
26	84218	59	28	109	17	1605	56
27	84219	55	30	111	16	2648	4
28	84220	67	35	108	15	1939	39
29	84221	59	28	108	16	2043	31
30	84222	53	27	108	19	1585	58

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Appendix 44 cont...

Entry No.	ICCL/ ICC.No	Days to 50% Flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
31	84223	56	31	107	19	2085	29
32	84224	59	34	109	18	2377	10
33	84225	53	37	109	24	2314	16
34	84226	59	31	108	23	2127	27
35	84227	54	34	101	22	2252	19
36	84228	51	28	102	18	1710	52
37	84229	58	28	108	18	2168	26
38	84230	54	26	104	24	2252	19
39	84231	58	35	104	21	1751	49
40	84232	51	31	105	23	2127	27
41	84233	53	35	103	29	1939	39
42	84234	51	31	105	25	1501	61
43	84235	51	28	104	19	1668	55
44	84236	53	28	101	19	1522	60
45	84237	53	26	107	28	1126	63
46	84238	51	25	102	21	2064	30
47	84239	53	27	109	22	2335	13
48	84240	52	26	101	17	1772	48
49	84241	51	28	101	18	1814	47
50	84242	50	34	98	23	1585	58
51	84243	53	30	106	20	1710	52
52	84244	55	26	106	16	2002	32
53	84245	50	30	106	22	2252	19
54	84246	55	26	102	22	2002	32
55	84247	53	30	101	24	2460	6
56	84248	53	28	107	22	1751	49
57	84249	52	30	107	23	1918	42
58	84250	50	26	101	19	1501	61
59	84251	56	36	108	24	2669	2
60	12237	53	34	109	21	1918	42
61	4918	53	30	107	23	2321	15
62	4951	54	27	105	17	1727	51
63	Lo.ch	49	31	100	15	2210	24
<hr/>							
SE		1.2	0.7	1.5	1.8	129.0	
Mean		53.8	30.4	105.0	20.4	2049.0	
CV		5.6	5.9	3.5	23.6	15.1	

Appendix 45. Characteristics of entries in ICSN-DS at
Akola, 1984-85

Entry No.	ICCL./ ICC.No	Days to 50% Flo vering	Plant height (cm)	Days to matur ity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	82108	54	34	102	16	476	34
2	82211	53	36	102	18	857	33
3	82230	44	32	90	20	1095	16
4	83134	54	33	106	18	714	41
5	83209	42	32	89	23	1952	1
6	83222	48	32	93	17	667	45
7	83224	47	33	95	16	1190	13
8	83232	52	37	106	11	1000	24
9	84201	43	27	88	15	429	55
10	84202	35	29	87	18	1286	9
11	84203	38	34	85	19	1452	4
12	84204	40	30	88	21	810	38
13	84205	43	34	92	18	857	33
14	84206	52	30	104	15	1071	20
15	84207	40	30	95	22	1095	16
16	84208	42	32	89	15	1571	3
17	84209	46	40	99	24	643	49
18	84210	43	28	95	15	1024	22
19	84211	44	31	95	21	905	32
20	84212	49	40	102	24	381	57
21	84213	52	32	102	16	952	28
22	84214	43	35	90	16	1000	24
23	84215	55	31	102	23	1238	11
24	84216	58	42	104	33	405	56
25	84217	54	33	100	14	524	52
26	84218	50	34	96	16	1143	15
27	84219	46	33	90	17	1381	7
28	84220	56	42	108	16	143	63
29	84221	54	34	102	16	262	60
30	84222	43	34	89	17	976	26

Cont...

Appendix 46. Characteristics of entries in ICSN-DS at
Rahuri, 1984-85

Entry no.	ICCL./ ICC.no	Days to 50% Flo vering	Plant weig ht(cm)	Days to matur ity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	82108	47	28	111	17	2618	2
2	82211	48	40	108	17	1095	59
3	82230	43	35	108	16	2380	9
4	83134	48	34	108	16	2094	19
5	83209	50	40	113	20	94	63
6	83222	45	24	103	16	1142	54
7	83224	44	32	105	17	1666	30
8	83232	47	43	110	18	1666	30
9	84201	57	40	116	17	1999	21
10	84202	45	40	112	23	1000	61
11	84203	46	36	110	22	2142	16
12	84204	42	41	108	18	1618	39
13	84205	52	35	113	17	237	62
14	84206	56	28	115	15	1190	52
15	84207	44	37	110	16	1428	49
16	84208	43	36	104	18	2618	2
17	84209	46	47	110	19	1761	27
18	84210	50	39	107	19	1666	30
19	84211	52	39	110	18	2142	16
20	84212	47	39	110	19	1119	58
21	84213	48	37	114	18	1904	24
22	84214	45	34	109	17	2428	7
23	84215	46	30	108	20	1809	25
24	84216	55	43	112	28	1618	39
25	84217	50	35	107	18	1571	43
26	84218	55	37	114	17	3142	1
27	84219	44	26	107	16	1666	30
28	84220	45	37	105	16	1142	54
29	84221	52	42	108	14	1666	30
30	84222	49	42	110	15	1428	49

Cont...

Appendix 46 Cont...

Entry No.	ICCL./ ICC.No	Days to 50% Flo vering	Plant heig ht(cm)	Days to matur ity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
31	84223	50	37	108	19	1238	51
32	84224	53	32	111	19	1714	28
33	84225	50	61	112	22	1952	23
34	84226	52	45	110	20	1523	45
35	84227	43	33	109	20	1714	28
36	84228	42	34	105	20	1190	52
37	84229	55	43	111	20	2285	14
38	84230	47	44	112	19	2332	12
39	84231	52	33	107	14	2332	12
40	84232	45	46	108	19	2380	9
41	84233	42	36	101	24	1618	39
42	84234	47	34	107	22	1809	25
43	84235	54	34	114	16	1618	39
44	84236	50	39	110	17	2237	15
45	84237	43	35	110	24	2523	5
46	84238	45	32	108	18	1142	54
47	84239	47	34	108	17	2428	7
48	84240	42	26	100	15	1523	45
49	84241	54	33	112	20	1571	43
50	84242	44	39	108	23	1999	21
51	84243	46	32	107	16	1142	54
52	84244	45	32	100	18	2142	16
53	84245	41	37	107	18	1476	48
54	84246	45	31	107	18	1095	59
55	84247	55	34	116	19	1666	30
56	84248	49	39	114	13	2523	5
57	84249	57	36	111	19	2618	2
58	84250	56	23	112	16	1523	45
59	84251	48	40	112	17	2356	11
60	12237	47	44	114	19	2094	19
61	4918	45	31	111	20	1646	38
62	4951	44	30	112	15	1658	36
63	Lo.ch	43	34	107	18	1658	36
SE							
Mean		0.4	0.9	1.0	0.9	2.8	
CV		47.9	36.2	109.0	18.0	1821.8	
		2.3	6.7	2.1	13.1	0.4	

Appendix 47. Characteristics of entries in IC5N-D6 at
Keonjhar, 1984-85

Entry No.	ICCL./ ICC.No	Days to 50% Flo vering	Plant heig ht(cm)	Days to matur ity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	82108	45	29	88	14	1376	28
2	82211	64	30	91	13	1251	40
3	82230	50	31	88	17	1543	18
4	83134	50	27	89	16	1147	44
5	83209	53	29	89	20	1334	32
6	83222	49	28	88	14	1668	11
7	83224	51	29	89	16	1585	14
8	83232	53	33	89	16	1460	22
9	84201	50	33	87	17	1668	11
10	84202	49	32	86	18	1751	7
11	84203	44	29	87	21	1460	22
12	84204	52	31	91	20	1751	7
13	84205	50	27	88	18	1293	38
14	84206	53	31	89	14	1585	14
15	84207	49	29	89	21	959	56
16	84208	48	28	88	13	1543	18
17	84209	51	37	88	20	834	61
18	84210	52	31	90	18	1043	51
19	84211	52	34	88	17	1147	44
20	84212	47	37	88	24	1877	3
21	84213	51	37	87	14	1751	7
22	84214	52	37	89	15	1460	22
23	84215	46	31	89	20	1084	49
24	84216	53	40	89	27	1168	43
25	84217	50	31	86	13	1585	14
26	84218	52	34	87	14	1585	14
27	84219	53	31	89	15	1772	5
28	84220	65	33	88	14	1751	7
29	84221	53	35	88	13	1668	11
30	84222	56	28	88	15	1334	32

Cont...

Appendix 47 cont..

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
31	84223	50	31	88	17	1355	30
32	84224	52	29	90	18	1355	30
33	84225	52	33	90	21	1918	2
34	84226	53	31	91	19	1334	32
35	84227	53	28	89	17	1293	38
36	84228	50	32	88	15	1501	21
37	84229	53	27	88	13	1126	47
38	84230	51	26	88	18	1460	22
39	84231	51	30	87	16	1877	3
40	84232	50	31	87	18	1334	32
41	84233	52	33	88	23	1334	32
42	84234	51	29	88	21	980	55
43	84235	58	23	91	16	584	62
44	84236	53	29	88	14	1126	47
45	84237	51	28	91	21	1043	51
46	84238	50	28	88	16	1543	18
47	84239	52	28	91	19	1043	51
48	84240	51	30	88	16	1251	40
49	84241	52	31	88	16	1460	22
50	84242	50	37	87	23	1772	5
51	84243	50	27	86	16	1043	51
52	84244	52	25	89	13	938	57
53	84245	49	31	88	17	1460	22
54	84246	52	31	88	16	1084	49
55	84247	52	30	88	19	1147	44
56	84248	53	27	91	20	521	63
57	84249	52	33	89	17	1334	32
58	84250	51	27	89	17	917	58
59	84251	50	31	89	19	917	58
60	12237	48	36	88	17	2168	1
61	4918	52	29	90	19	1366	29
62	4951	50	27	89	14	862	60
63	Lo.ch	58	29	91	13	1202	42
<hr/>							
	SE	1.7	0.6	0.4	1.2	105.0	
	Mean	51.5	30.6	88.0	17.1	1350.0	
	CV	7.7	4.9	1.1	18.5	22.5	

Appendix 48. Characteristics of entries in ICSN-DS at
Ludhiana, 1984-85

Entry No.	ICCL./ ICC.No	Days to 50% Flo wering	Plant heig ht(cm)	Days to matur ity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	82108	90	47	157	18	2618	19
2	82211	94	47	157	17	1809	47
3	82230	75	59	159	22	3142	4
4	83134	91	50	161	19	2142	33
5	83209	94	55	157	19	3094	5
6	83222	93	48	158	19	2237	29
7	83224	89	66	156	16	2142	33
8	83232	92	42	159	21	1380	61
9	84201	86	51	157	15	2904	11
10	84202	93	47	158	20	2047	40
11	84203	88	39	159	25	1952	44
12	84204	92	52	160	23	2190	32
13	84205	92	44	160	20	1428	58
14	84206	87	44	159	18	3284	2
15	84207	72	46	158	28	1761	48
16	84208	91	32	150	18	476	63
17	84209	93	55	156	23	2047	40
18	84210	91	32	158	22	1428	58
19	84211	92	48	156	23	2523	24
20	84212	94	53	155	24	2999	9
21	84213	89	47	161	19	2618	19
22	84214	90	52	157	19	1761	48
23	84215	88	48	159	23	2380	26
24	84216	93	70	155	32	1666	52
25	84217	92	41	160	16	2856	13
26	84218	89	55	161	16	2142	33
27	84219	76	55	158	18	4046	1
28	84220	94	56	154	20	1761	48
29	84221	93	52	162	18	2142	33
30	84222	90	68	156	19	2332	27

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Appendix 48Cont..

Entry No.	ICCL./ ICC.No	Days to 50% Flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha
31	84223	93	48	158	17	2713
32	84224	94	51	157	21	2618
33	84225	87	49	158	23	3094
34	84226	92	47	159	26	2475
35	84227	93	46	158	22	1856
36	84228	86	46	157	18	2332
37	84229	92	53	155	7	3094
38	84230	91	31	152	21	1428
39	84231	91	49	156	18	2618
40	84232	88	51	158	21	2856
41	84233	88	27	153	15	1571
42	84234	90	46	159	25	1952
43	84235	93	50	157	17	2808
44	84236	85	43	155	19	3094
45	84237	92	59	162	25	1761
46	84238	93	52	162	18	1666
47	84239	93	49	162	22	1999
48	84240	88	25	150	18	904
49	84241	95	44	158	18	2808
50	84242	88	52	160	25	2713
51	84243	87	50	159	18	2142
52	84244	92	34	159	18	1476
53	84245	86	47	157	18	2237
54	84246	92	38	161	20	3189
55	84247	91	47	157	23	2142
56	84248	94	52	159	20	1666
57	84249	92	33	157	23	1476
58	84250	90	48	158	22	2618
59	84251	88	47	160	22	2142
60	12237	94	66	155	14	2951
61	4918	89	50	157	22	2229
62	4951	84	43	154	18	1999
63	Lo.ch	94	56	156	16	2896
SE						
Mean		2.0	2.7	0.6	1.2	190.0
CV		90.0	48.1	157.0	20.0	2267.0
		5.6	13.1	0.9	16.0	19.6

Appendix 49. Characteristics of entries in ICEN-DN
at Ishurdi, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant height (cm)	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82302	58	72	127	16	3600	11
2	82313	66	66	124	21	3443	19
3	83146	59	77	126	16	2348	60
4	83316	69	70	128	18	3130	35
5	83320	67	66	123	17	2817	55
6	83324	58	73	125	18	2739	56
7	83329	70	75	129	22	2661	57
8	83332	70	68	127	15	2895	49
9	83334	70	66	125	14	2895	49
10	83339	67	74	127	17	2895	49
11	83340	70	71	124	18	3130	35
12	82335	66	71	125	15	2895	49
13	83303	69	72	129	18	3208	28
14	83317	68	71	127	23	3052	46
15	83288	70	71	127	17	3834	3
16	81300	71	69	125	11	2035	63
17	81290	73	72	127	12	3521	16
18	84301	71	74	128	16	3365	21
19	84302	58	68	123	15	3130	35
20	84303	60	73	128	15	3834	3
21	84304	57	68	126	15	3834	3
22	84305	59	59	124	16	4226	1
23	84306	69	71	125	15	3208	28
24	84307	71	72	125	11	3052	46
25	84308	71	71	128	13	3052	46
26	84309	72	69	126	13	3287	22
27	84310	68	69	128	12	3834	3
28	84311	60	73	130	25	2348	60
29	84312	68	69	124	23	3756	9
30	84313	69	66	122	24	3287	22

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Appendix 49 cont.

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant heig- ht(cm)	Days to ma- tu- rity	Weight of 100 seeds (g)	Yield	
						----- kg/ha	Rank
31	84314	71	66	124	13	3208	28
32	84315	75	73	125	15	3130	35
33	84316	75	73	131	17	3130	35
34	84317	70	81	125	14	3287	22
35	84318	68	79	125	14	3130	35
36	84319	68	65	124	16	3208	28
37	84320	70	65	127	16	2895	49
38	84321	69	63	122	14	3287	22
39	84322	70	70	123	28	3443	19
40	84323	73	64	125	13	2895	49
41	84324	62	71	127	18	3208	28
42	84325	58	67	124	15	3130	35
43	84326	60	64	122	14	3600	11
44	84327	70	71	127	21	3130	35
45	84328	59	64	123	13	3208	28
46	84329	70	65	127	19	3600	11
47	84330	66	72	126	22	3913	2
48	84331	70	70	125	13	3287	22
49	84332	71	63	123	20	3600	11
50	84333	59	75	125	16	3521	16
51	84334	60	78	128	20	3678	10
52	84335	71	75	125	13	3287	22
53	84336	67	79	124	19	3834	3
54	84337	71	70	131	17	2582	58
55	84338	70	60	124	19	3130	35
56	84339	76	75	127	37	3208	28
57	84340	68	61	124	20	2582	58
58	84341	69	80	128	23	3600	11
59	84342	74	78	128	20	3130	35
60	84343	71	68	125	14	3130	35
61	5003	73	69	127	30	3808	8
62	11525	66	68	126	14	3469	18
63	Lo.ch	70	69	126	10	2256	62
SE		1.4	0.1	0.1	4.4	333.1	
MEAN		67.5	70.1	125.8	17.2	3219.2	
CV		5.0	0.5	0.2	59.7	25.7	

Appendix 50. Characteristics of entries in ICSN DM
at Parvanipur, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant height (cm)	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82302	110	42	166	10	313	37
2	82313	109	37	161	28	313	37
3	83146	111	33	164	18	423	20
4	83316	110	32	167	24	125	60
5	83320	108	29	154	25	266	44
6	83324	108	28	157	20	391	24
7	83329	110	35	164	30	376	29
8	83332	109	25	164	18	266	44
9	83334	109	42	167	20	423	20
10	83339	110	36	163	25	376	29
11	83340	110	39	162	26	391	24
12	82335	108	32	164	22	157	57
13	83303	110	38	166	23	485	12
14	83317	109	39	166	19	845	3
15	83288	110	51	164	24	485	12
16	81300	110	33	162	16	329	33
17	81290	110	38	166	16	219	52
18	84301	109	27	152	18	501	8
19	84302	108	33	164	18	501	8
20	84303	111	30	162	16	516	7
21	84304	110	40	167	28	329	33
22	84305	107	32	164	20	297	43
23	84306	110	35	167	18	235	48
24	84307	111	35	166	17	172	56
25	84308	109	33	163	16	407	23
26	84309	108	35	164	16	423	20
27	84310	110	29	164	21	219	52
28	84311	110	34	166	24	438	18
29	84312	110	41	164	29	485	12
30	84313	110	35	164	31	157	57

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Appendix 50 contd.

Int y o.	ICCL./ ICC.No	Days to 50% fl- owering	Plant ht(cm)	Days to matur- ity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
31	84314	109	31	162	17	376	29
32	84315	111	40	166	20	363	5
33	84316	112	40	167	18	141	59
34	84317	110	35	163	21	250	46
35	84318	110	41	164	23	563	5
36	84319	110	36	164	20	391	24
37	84320	109	32	164	22	1033	2
38	84321	108	35	164	20	438	18
39	84322	111	34	164	21	470	15
40	84323	110	31	164	19	94	63
41	84324	110	39	164	26	235	48
42	84325	110	32	164	18	313	37
43	84326	110	36	166	19	188	55
44	84327	109	43	167	-	360	32
45	84328	106	34	160	17	829	4
46	84329	110	33	153	22	313	37
47	84330	108	31	163	28	203	54
48	84331	108	38	164	17	391	24
49	84332	109	32	164	21	125	60
50	84333	109	40	164	21	391	24
51	84334	110	39	164	25	313	37
52	84335	111	38	167	16	501	8
53	84336	110	50	164	24	329	33
54	84337	109	29	164	20	250	46
55	84338	110	32	167	23	125	60
56	84339	111	34	164	25	235	48
57	84340	110	33	163	18	470	15
58	84341	107	29	159	25	235	48
59	84342	108	35	162	25	313	37
60	84343	111	31	163	18	470	15
61	5003	111	38	163	30	501	8
62	11525	110	33	164	18	329	33
63	Lo.ch	109	34	164	10	1127	1
SE	0.3	0.9	0.1	4.0	171.5		
MEAN	109.5	35.2	163.5	21.0	376.6		
CV	0.6	6.3	0.2	51.3	64.4		

Appendix 51. Characteristics of entries in ICSN DM
at Patancheru, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant ht(cm)	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82302	53	29	97	16	1476	27
2	82313	53	34	97	22	1619	22
3	83146	53	27	94	13	2000	7
4	83316	60	-	-	-	-	-
5	83320	48	22	90	16	714	30
6	83324	43	29	92	17	1476	27
7	83329	52	26	97	17	1048	44
8	83332	51	24	97	16	1476	27
9	83334	54	31	97	16	1524	25
10	83339	52	33	96	18	1762	15
11	83340	52	30	95	18	1286	35
12	82335	52	23	96	16	1905	12
13	83303	52	30	96	18	2143	4
14	83317	48	25	96	21	1000	47
15	83288	53	27	96	16	2524	1
16	81300	58	31	98	11	1286	35
17	81290	61	34	100	15	1667	17
18	84301	49	22	95	15	1952	10
19	84302	47	27	92	15	2048	6
20	84303	46	23	90	13	1333	34
21	84304	48	25	93	17	1905	12
22	84305	43	-	-	-	-	-
23	84306	59	28	98	14	1095	42
24	84307	61	38	100	12	1048	44
25	84308	59	29	99	13	619	52
26	84309	61	34	100	12	1619	22
27	84310	49	29	96	18	1952	10
28	84311	48	30	94	22	2143	4
29	84312	52	32	97	24	1524	25
30	84313	50	34	96	25	1571	24

cont.

Appendix 51 cont..

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant heig- ht(cm)	Days to ma- tu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
31	84314	54	27	96	13	190	58
32	84315	57	-	-	-	-	-
33	84316	61	29	100	14	238	57
34	84317	56	31	96	12	48	60
35	84318	59	35	100	13	571	53
36	84319	53	30	94	16	333	56
37	84320	58	29	96	14	1190	40
38	84321	55	33	99	14	476	54
39	84322	56	28	96	12	1095	42
40	84323	56	26	95	14	429	55
41	84324	50	34	98	19	1286	35
42	84325	53	31	95	15	1667	17
43	84326	54	29	98	13	190	58
44	84327	50	31	96	18	2000	7
45	84328	52	30	96	14	1762	15
46	84329	55	34	97	17	2190	3
47	84330	52	30	98	24	1238	38
48	84331	55	29	99	15	1476	27
49	84332	53	27	102	19	1667	17
50	84333	56	35	98	17	1667	17
51	84334	54	29	97	20	2000	7
52	84335	53	27	95	15	810	48
53	84336	52	27	92	20	1048	44
54	84337	56	26	96	14	1667	17
55	84338	47	24	94	17	1905	12
56	84339	55	30	99	16	667	51
57	84340	48	32	98	19	1429	32
58	84341	48	24	95	22	2476	2
59	84342	53	30	98	21	1476	27
60	84343	53	34	98	13	1190	40
61	5003	58	33	99	25	1365	33
62	11525	58	32	101	13	794	49
63	Lo.ch	53	29	98	23	1206	39
SE	0.8	0.6	0.4	1.9	85.1	-	-
MEAN	53.2	29.3	96.5	16.6	1357.7	-	-
CV	5.0	6.3	1.3	31.9	26.3	-	-

Appendix 52 Characteristics of entries in ICSN DM
at Sabour, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant heig- ht(cm)	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82302	84	61	139	13	1238	30
2	82313	83	65	137	21	2148	6
3	83146	83	58	143	15	1000	47
4	83316	83	65	138	19	1571	17
5	83320	72	48	138	20	1333	27
6	83324	77	54	143	17	857	55
7	83329	80	56	143	22	1095	40
8	83332	82	51	139	14	1143	36
9	83334	80	55	139	16	1095	40
10	83339	77	72	139	19	2762	2
11	83340	74	70	138	19	1048	46
12	82335	76	66	143	14	1762	10
13	83303	74	51	138	18	1191	31
14	83317	77	60	138	17	824	56
15	83288	80	56	136	16	1000	47
16	81300	82	60	139	11	1667	13
17	81290	87	60	147	14	1143	36
18	84301	87	48	145	16	1143	36
19	84302	77	60	136	14	1429	20
20	84303	80	64	138	14	2476	3
21	84304	74	60	138	14	2286	5
22	84305	84	47	139	16	429	62
23	84306	83	58	139	13	2333	4
24	84307	76	58	139	11	1619	16
25	84308	83	52	140	13	476	60
26	84309	83	51	137	14	1762	10
27	84310	76	53	141	18	1191	31
28	84311	76	60	141	20	2143	7
29	84312	76	71	137	22	1095	40
30	84313	83	63	143	15	1143	36

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Appendix 52 cont...

nt ICC.L./ Days to Plant Days to Weight Seed Yield		ry ICC.No 50% fl.- haig- matu- of 100 -----		to. overing ht(cm) rity seeds kg/ha Rank	
31 84314	-	-	-	-	-
32 84315	85	67	139	15	1429 20
33 84316	87	68	137	13	2000 8
34 84317	80	55	139	13	1667 13
35 84318	83	57	138	15	952 51
36 84319	80	58	137	16	952 51
37 84320	82	58	139	17	1191 31
38 84321	83	68	138	14	1476 18
39 84322	74	67	136	12	1952 9
40 84323	85	61	139	15	1000 47
41 84324	79	65	137	19	1429 20
42 84325	80	54	139	16	1095 40
43 84326	80	-	136	14	2914 1
44 84327	82	63	143	18	1429 20
45 84328	80	61	140	14	1429 20
46 84329	83	61	137	15	1286 28
47 84330	85	59	147	21	952 51
48 84331	85	57	143	14	1762 10
49 84332	85	48	145	21	1095 40
50 84333	85	56	141	16	1429 20
51 84334	82	63	138	22	1667 13
52 84335	88	55	159	13	1191 31
53 84336	84	61	138	19	810 57
54 84337	83	57	141	15	1286 28
55 84338	80	68	136	16	1191 31
56 84339	87	68	139	17	714 59
57 84340	83	52	143	19	952 51
58 84341	84	56	139	24	1000 47
59 84342	83	63	141	21	1095 40
60 84343	90	51	145	19	476 60
61 5003	85	62	141	26	736 58
62 11525	82	59	140	14	1437 19
63 Lo.ch	84	60	141	12	1413 26
SE	0.5	0.4	0.2	2.3	114.9
MEAN	80.1	57.3	137.8	16.2	1330.3
CV	1.9	2.4	0.5	45.3	33.3

Appendix 53 Characteristics of entries in ICSN DM
at Derol, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant heig- ht(cm)	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82302	62	44	115	20	1285	54
2	82313	66	49	120	23	1238	56
3	83146	66	45	120	17	1428	47
4	83316	73	46	122	21	738	60
5	83320	62	36	115	17	262	63
6	83324	65	46	121	26	1309	53
7	83329	62	40	120	24	3046	3
8	83332	71	46	120	19	1666	41
9	83334	65	43	116	16	1404	49
10	83339	65	52	113	21	2094	31
11	83340	71	57	120	21	2570	18
12	82335	66	49	121	17	2475	19
13	83303	62	43	111	18	2999	7
14	83317	58	57	121	24	3046	3
15	83288	67	43	120	18	2380	22
16	81300	66	49	117	12	2666	15
17	81290	68	59	118	20	2951	8
18	84301	62	52	121	18	2237	25
19	84302	62	51	112	14	3189	1
20	84303	58	43	116	14	2094	31
21	84304	62	43	113	17	2785	12
22	84305	62	46	117	14	1666	41
23	84306	66	46	118	14	1190	58
24	84307	65	50	113	14	2666	15
25	84308	71	50	120	14	1714	39
26	84309	68	43	122	12	1999	33
27	84310	65	45	120	20	1952	35
28	84311	62	50	113	20	2808	10
29	84312	61	56	113	26	3046	3
30	84313	68	46	118	28	571	62

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Appendix 53. contd.

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- overing	Plant heig- ht(cm)	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
31	84314	64	51	117	14	1714	39
32	84315	71	54	120	14	1761	38
33	84316	73	51	121	13	1142	59
34	84317	66	59	117	17	2285	23
35	84318	71	55	113	16	2737	13
36	84319	64	43	113	18	1380	50
37	84320	65	48	113	17	2190	28
38	84321	64	47	121	16	1618	44
39	84322	66	48	121	16	1380	50
40	84323	72	44	123	17	1547	46
41	84324	62	51	118	19	1999	33
42	84325	60	51	113	17	2428	20
43	84326	62	51	113	17	1666	41
44	84327	72	56	120	21	3142	2
45	84328	65	52	121	14	2904	9
46	84329	64	52	112	18	714	61
47	84330	65	41	121	26	1285	54
48	84331	65	43	118	14	1333	52
49	84332	58	43	113	20	2237	25
50	84333	72	51	122	18	2808	10
51	84334	66	51	123	24	2213	27
52	84335	66	43	122	18	1428	47
53	84336	68	55	113	22	2666	15
54	84337	68	46	120	20	3046	3
55	84338	58	41	115	14	2142	29
56	84339	64	44	121	18	1238	56
57	84340	62	47	117	18	1618	44
58	84341	62	48	120	24	2713	14
59	84342	65	51	122	30	1856	36
60	84343	65	48	123	16	2142	29
61	5003	70	51	121	29	1813	37
62	11525	65	52	119	16	2396	21
63	Lo. ch	62	49	115	19	2281	24
SE		1.6	0.6	1.2	2.8	126.1	
MEAN		65.2	48.3	117.9	18.6	2275.2	
CV		5.9	2.7	2.5	31.8	14.3	

Appendix 54 Characteristics of entries in ICSN DM
at Junagadh , 1984-85

Ent ry No.	ICCL. / ICC.No	Days to 50% fl- owering	Days to matu- rity	Weight of 100 seeds	Seed Yield kg/ha	Rank
					(g)	
1	82302	84	113	17	1939	19
2	82313	83	108	23	2148	14
3	83146	83	109	15	1334	50
4	83316	83	109	16	709	61
5	83320	72	102	19	897	58
6	83324	77	99	19	1126	55
7	83329	80	106	23	1376	49
8	83332	82	105	17	2523	4
9	83334	80	109	17	1168	54
10	83339	77	109	21	1814	25
11	83340	74	109	18	2335	8
12	82335	76	105	18	2085	15
13	83303	74	102	21	1689	30
14	83317	77	104	25	2335	8
15	83288	80	109	21	2168	13
16	81300	82	110	13	1001	57
17	81290	87	109	16	1314	51
18	84301	87	100	18	1710	28
19	84302	77	107	19	1939	19
20	84303	80	102	16	2544	2
21	84304	74	101	19	1585	39
22	84305	84	98	19	2419	7
23	84306	83	111	20	1918	22
24	84307	76	111	13	1522	43
25	84308	83	111	15	1939	19
26	84309	83	110	14	1689	30
27	84310	76	101	24	1689	30
28	84311	76	97	25	1564	41
29	84312	76	106	19	1501	46
30	84313	83	106	29	21	63

cont...

Appendix 55 Characteristics of entries in ICSN DM
at Gwalior, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- overing	Plant heig- ht(cm)	Days to matu- rity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82302	59	62	131	14	2808	4
2	82313	77	67	130	19	2761	5
3	83146	72	46	129	12	1856	48
4	83316	82	55	132	12	2142	32
5	83320	57	49	129	20	1856	48
6	83324	54	49	129	15	1666	57
7	83329	60	55	131	15	2237	26
8	83332	58	47	130	12	1476	61
9	83334	60	64	131	15	1856	48
10	83339	73	55	130	15	1333	62
11	83340	59	63	132	17	2237	26
12	82335	72	47	130	13	1809	53
13	83303	72	43	129	16	2285	22
14	83317	56	50	129	19	2190	29
15	83288	59	54	129	14	2713	8
16	81300	71	56	127	10	1952	45
17	81290	72	48	129	14	2618	10
18	84301	55	47	130	12	2190	29
19	84302	57	50	128	14	2523	13
20	84303	54	44	131	13	2570	11
21	84304	71	55	131	15	2380	17
22	84305	54	43	131	17	1761	55
23	84306	76	60	130	11	2380	17
24	84307	79	52	128	11	1904	47
25	84308	70	46	129	11	1856	48
26	84309	78	57	131	12	2856	3
27	84310	56	41	129	17	1833	52
28	84311	54	46	132	20	2404	16
29	84312	60	57	130	22	2570	11
30	84313	58	53	130	21	1666	57

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Appendix 55 cont..

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant heig- ht(cm)	Days to ma- turity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
31	84314	77	48	130	10	1595	60
32	84315	80	49	130	13	2142	32
33	84316	80	49	128	13	2047	38
34	84317	78	61	131	14	2737	7
35	84318	83	61	130	13	1999	42
36	84319	57	53	130	15	2261	23
37	84320	78	49	132	15	1928	46
38	84321	59	52	129	13	2261	23
39	84322	77	61	132	11	2475	14
40	84323	79	50	131	12	2190	29
41	84324	58	54	130	17	3046	2
42	84325	60	45	129	14	2332	19
43	84326	60	55	130	12	2332	19
44	84327	60	51	129	17	2261	23
45	84328	58	64	131	13	3213	1
46	84329	76	56	131	16	2047	38
47	84330	59	50	130	19	1999	42
48	84331	84	62	131	13	1785	54
49	84332	84	48	132	16	2094	35
50	84333	79	51	131	14	2237	26
51	84334	60	55	131	18	1666	57
52	84335	79	43	129	11	2094	35
53	84336	60	54	129	16	2094	35
54	84337	77	49	129	13	2689	9
55	84338	54	35	127	15	1714	56
56	84339	81	48	132	14	1309	63
57	84340	59	55	132	17	2761	5
58	84341	56	45	130	21	2142	32
59	84342	82	51	130	17	1999	42
60	84343	77	42	130	11	2023	40
61	5003	80	53	131	22	2015	41
62	11525	70	49	131	14	2301	21
63	Lo.ch	66	51	130	12	2432	15
SE		2.8	0.7	0.3	2.3	87.0	
MEAN		67.7	51.7	130.1	14.8	2173.2	
CV		9.5	3.5	0.6	34.9	9.5	

Appendix 56 Characteristics of entries in ICSN DM
at New Delhi, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant ht(cm)	Days to matur- ity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	82302	90	55	126	15	2407	7
2	82313	92	56	135	19	1817	32
3	83146	90	39	131	14	2195	16
4	83316	93	50	130	18	2171	18
5	83320	87	45	123	16	1345	42
6	83324	90	48	134	16	1227	46
7	80029	90	46	123	22	944	55
8	83332	94	42	134	14	2289	13
9	83334	93	45	128	14	2313	12
10	83339	91	50	136	11	944	55
11	83340	89	53	127	18	1935	28
12	82335	86	44	123	16	1038	52
13	83303	89	42	124	17	1558	38
14	83317	93	48	128	21	2384	9
15	83288	90	57	135	14	2502	4
16	81300	89	38	124	9	1062	51
17	81290	94	51	127	15	1652	36
18	84301	87	39	123	15	1038	52
19	84302	92	-	131	-	-	-
20	84303	90	38	126	13	2124	20
21	84304	90	38	124	-	944	55
22	84305	88	45	123	14	2478	5
23	84306	90	41	124	13	1204	47
24	84307	93	48	135	11	1204	47
25	84308	86	40	127	12	1345	42
26	84309	93	48	126	12	2242	15
27	84310	90	43	126	16	1912	30
28	84311	90	46	135	19	2525	3
29	84312	88	43	123	21	1086	50
30	84313	92	46	126	26	1204	47

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Appendix 56cont..

Ent ICCI./ ry ICC Mo.	Days to 50% fl- owering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
31 84314	93	-	135	15	2289	13
32 84315	90	41	123	13	684	60
33 84316	100	48	134	13	944	55
34 84317	91	48	128	15	2454	6
35 84318	89	59	135	14	2596	2
36 84319	88	47	124	16	1369	40
37 84320	95	50	136	18	2006	22
38 84321	91	50	126	14	2006	22
39 84322	93	46	134	11	2148	19
40 84323	93	38	125	14	1628	37
41 84324	87	50	125	17	1369	40
42 84325	87	50	125	15	3233	1
43 84326	90	39	133	14	1935	28
44 84327	94	47	129	18	2006	22
45 84328	92	45	123	13	1251	44
46 84329	93	48	138	18	1794	33
47 84330	93	46	130	22	2407	7
48 84331	91	52	124	14	2030	21
49 84332	93	40	135	21	1416	39
50 84333	95	50	133	16	2006	22
51 84334	94	50	136	20	1699	35
52 84335	94	44	129	12	2360	10
53 84336	95	50	137	19	2360	10
54 84337	90	39	123	14	1015	54
55 84338	91	33	123	13	684	60
56 84339	103	-	130	22	944	55
57 84340	93	47	136	19	1982	27
58 84341	93	-	129	23	1251	44
59 84342	95	40	126	20	1841	31
60 84343	92	47	135	14	354	62
61 8003	92	49	131	28	2182	17
62 11525	91	49	130	14	1999	26
63 Le.ch	93	47	129	12	1741	34
SE	0.3	0.6	0.4	3.7	89.9	
MEAN	91.5	45.7	129.0	16.1	1714.4	
CV	0.8	3.0	0.7	50.6	11.2	

Appendix 57 Characteristics of entries in ICSN DM
at Navgaon, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- overing	Days to matu- rity	Weight of 100 seeds	Seed Yield kg/ha	Rank
1	82302	79	132	21	538	22
2	82313	82	124	23	179	51
3	83146	83	136	15	838	10
4	83316	83	135	20	1038	6
5	83320	78	122	18	245	43
6	83324	52	123	18	195	49
7	83329	79	126	25	286	37
8	83332	74	122	16	262	40
9	83334	82	135	18	595	20
10	83339	83	126	22	167	53
11	83340	81	123	21	264	39
12	82335	79	123	21	210	47
13	83303	81	123	19	167	53
14	83317	72	123	26	271	38
15	83288	81	123	18	167	53
16	81300	85	124	17	200	48
17	81290	86	136	16	679	17
18	84301	79	128	19	343	33
19	84302	74	123	18	298	36
20	84303	54	134	16	738	12
21	84304	75	124	20	450	26
22	84305	46	124	16	229	44
23	84306	86	134	15	857	9
24	84307	86	135	12	519	23
25	84308	86	138	15	860	8
26	84309	87	126	16	148	59
27	84310	79	124	20	190	50
28	84311	73	123	24	248	42
29	84312	78	125	12	229	44
30	84313	83	135	28	1152	5

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Appendix 57 cont..

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Days to matu- rity	Weight of 100 seeds	Seed Yield kg/ha	Rank
					(g)	
31	84314	85	124	16	150	57
32	84315	87	127	16	255	41
33	84316	90	130	15	171	52
34	84317	86	136	17	705	15
35	84318	88	126	17	126	61
36	84319	80	134	22	1226	4
37	84320	85	132	17	631	19
38	84321	83	135	24	464	25
39	84322	85	138	15	979	7
40	84323	87	132	16	343	33
41	84324	72	136	23	1429	1
42	84325	85	135	19	733	13
43	84326	83	124	16	150	57
44	84327	79	135	20	740	11
45	84328	77	128	17	543	21
46	84329	80	130	20	410	30
47	84330	82	130	23	105	62
48	84331	86	127	17	129	60
49	84332	75	130	22	476	24
50	84333	83	134	17	714	14
51	84334	86	139	20	1309	3
52	84335	86	134	16	693	16
53	84336	83	124	25	214	46
54	84337	82	124	18	319	35
55	84338	86	139	19	1374	2
56	84339	88	138	17	357	32
57	84340	54	130	21	433	29
58	84341	83	135	23	643	18
59	84342	83	126	21	62	63
60	84343	83	123	17	155	56
61	5003	86	131	28	438	27
62	11525	82	132	15	384	31
63	Lo.ch	89	134	14	434	28
SE						
		1.3	0.6	2.2	12.3	
MEAN						
		80.2	129.5	18.7	473.9	
CV						
		3.6	1.1	40.0	7.2	

Appendix Characteristics of entries in ICSN DM
at Durgapura, 1984-85

Ent ry No.	ICCL./ ICC.No	Days to 50% fl- owering	Plant heig- ht(cm)	Days to matu- rity	Seed Yield kg/ha	Rank
1	82302	69	35	134	501	41
2	82313	69	46	130	636	31
3	83146	72	43	126	258	56
4	83316	75	39	126	319	51
5	83320	61	40	140	652	28
6	83324	52	33	129	247	58
7	83329	62	31	123	233	59
8	83332	61	32	137	618	33
9	83334	68	47	129	575	38
10	83339	63	45	125	390	48
11	83340	77	30	128	424	47
12	82335	63	40	125	438	45
13	83303	62	49	137	661	26
14	83317	57	24	133	185	61
15	83288	71	35	125	250	57
16	81300	74	32	125	467	43
17	81290	72	34	123	260	55
18	84301	58	32	120	460	44
19	84302	62	35	126	387	49
20	84303	56	40	130	688	24
21	84304	58	47	132	903	18
22	84305	47	38	134	663	25
23	84306	69	25	138	301	53
24	84307	72	47	138	926	17
25	84308	72	55	136	1146	8
26	84309	62	42	133	1029	12
27	84310	55	45	134	1568	2
28	84311	55	38	130	518	40
29	84312	68	38	140	300	54
30	84313	61	41	124	493	42

cont...

Appendix cont..58

Ent ry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height(cm)	Days to maturity	Seed Yield kg/ha	Rank
31	84314	69	53	133	1514	3
32	84315	71	52	135	1066	10
33	84316	82	48	127	588	37
34	84317	66	58	138	1399	5
35	84318	79	57	130	1103	9
36	84319	63	45	134	592	35
37	84320	76	33	134	592	35
38	84321	61	36	135	888	20
39	84322	69	44	129	903	18
40	84323	67	45	137	943	15
41	84324	60	40	127	598	34
42	84325	67	47	136	805	22
43	84326	70	39	135	179	62
44	84327	57	57	135	1332	6
45	84328	61	40	136	832	21
46	84329	71	35	126	314	52
47	84330	61	40	133	430	46
48	84331	68	49	135	1301	7
49	84332	63	29	131	217	60
50	84333	78	38	130	644	30
51	84334	62	42	129	1493	4
52	84335	67	49	130	660	27
53	84336	60	53	142	1593	1
54	84337	62	41	129	978	14
55	84338	53	31	128	652	28
56	84339	68	22	133	323	50
57	84340	58	45	129	575	38
58	84341	56	45	134	1027	13
59	84342	62	54	126	624	32
60	84343	68	29	132	155	63
61	5003	71	40	221	1051	11
62	11525	71	43	130	692	13
63	Lo.ch	73	41	131	939	16
SB		0.4	0.4	0.6	53.1	
MEAN		65.3	40.9	131.4	690.4	
CV		1.9	3.6	1.5	20.6	

**Appendix 52 Characteristics of entries in ICSN-DL
at Parvanipur , 1984-85**

Entry No.	ICCL. No.	Days to 50% flowering	Days to 50% height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	81290	111	40	170	12	89	71
2	81299	113	47	168	27	286	30
3	82436	113	33	168	26	250	33
4	82439	113	31	167	27	161	60
5	82441	113	36	163	23	411	13
6	83410	123	37	171	18	36	77
7	83425	113	32	163	-	660	2
8	83430	113	41	168	16	232	40
9	83447	123	34	168	18	143	61
10	83448	121	37	165	19	357	17
11	84401	109	37	152	13	286	30
12	84402	112	41	166	15	179	55
13	84403	123	38	171	17	196	49
14	84404	113	36	165	16	214	42
15	84405	113	39	163	17	196	49
16	84406	113	28	162	-	446	11
17	84407	123	37	173	14	107	69
18	84408	123	43	172	-	196	49
19	84409	113	42	168	-	-	-
20	84410	123	31	172	-	-	-
21	84411	114	41	170	16	339	22
22	84412	123	36	171	18	214	42
23	84413	123	39	170	19	143	61
24	84414	113	38	164	16	553	4
25	84415	113	48	168	14	250	33
26	84416	122	38	167	20	125	66
27	84417	122	36	170	16	250	33
28	84418	123	38	172	15	303	26
29	84419	113	38	168	13	54	76
30	84420	122	38	172	14	36	77
31	84421	113	42	167	16	303	26
32	84422	123	34	168	15	107	69
33	84423	120	42	172	-	-	-
34	84424	122	39	169	14	125	66
35	84425	113	43	167	19	143	61
36	84426	113	39	165	16	214	42
37	84427	122	37	168	14	339	22
38	84428	113	40	164	15	643	3
39	84429	113	37	168	14	196	49
40	84430	113	37	165	16	250	33

Appendix cont..

Appendix cont...59

Entry ICCL./ Days to Plant Days to Weight Seed yield
 no. ICCL. No. to 50% height to maturity seeds kg/ha Rank
 flow- (cm) uring (g)

41	84431	113	36	168	15	196	49
42	84432	123	38	170	22	179	55
43	84433	113	39	165	-	411	13
44	84434	112	40	166	14	428	12
45	84435	124	42	169	19	303	26
46	84436	113	38	165	16	232	40
47	84437	113	37	165	15	143	61
48	84438	113	39	159	16	518	8
49	84439	113	38	165	15	553	4
50	84440	113	39	168	16	250	33
51	84441	113	34	164	15	411	13
52	84442	113	34	165	41	303	26
53	84443	123	37	168	22	214	42
54	84444	113	41	168	12	196	49
55	84445	113	33	165	14	553	4
56	84446	113	36	167	18	179	55
57	84447	113	35	162	14	357	19
58	84448	113	40	172	-	71	75
59	84449	113	31	165	15	393	16
60	84450	123	36	168	15	250	33
61	84451	113	41	179	14	89	71
62	84452	123	47	170	15	214	42
63	84453	112	35	173	15	136	65
64	84454	120	35	168	21	250	33
65	84455	119	37	170	-	-	-
66	84456	114	36	165	24	393	16
67	84457	113	41	168	14	268	32
68	84458	114	32	168	15	393	16
69	84459	113	42	168	15	214	42
70	84460	123	39	170	14	214	42
71	84461	121	43	168	15	179	55
72	84462	113	31	165	-	164	59
73	84463		-	-	-	-	-
74	84464	118	36	168	18	125	66
75	84465	114	31	165	14	500	9
76	84466	113	30	163	13	553	4
77	84467	123	38	167	17	89	71
78	84468	113	39	165	16	500	9
79	1762	121	34	168	14	339	22
80	6819	113	38	165	15	89	71
81	4948	113	35	167	15	326	25
82	4954	113	34	167	14	348	21
83	Lo.ch	131	31	163	9	727	1

SE	0.4	0.8	0.9	1.4	92.1
MEAN	116.1	37.4	167.2	14.6	259.5
CV	0.9	5.9	1.3	28.4	48.3

Appendix 60 Characteristics of entries in ICSN-DL
at Hisar , 1984-85

Entry No.	ICCL.No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	81290	85	70	166	11	3000	5
2	81299	76	49	165	10	1476	34
3	82436	85	59	167	16	2048	21
4	82439	102	65	167	16	1762	27
5	82441	83	70	167	16	1048	40
6	83410	98	59	167	10	1333	37
7	83425	87	62	165	12	1619	31
8	83430	84	63	166	9	1762	27
9	83447	110	69	167	10	1000	41
10	83448	84	71	167	12	2524	13
11	84401	60	61	167	11	1476	34
12	84402	84	54	166	9	1476	34
13	84403	102	71	167	11	2619	11
14	84404	86	61	166	10	1762	27
15	84405	86	50	166	9	1476	34
16	84406	85	71	167	10	1524	33
17	84407	104	75	166	10	2571	12
18	84408	102	68	167	11	1190	38
19	84409	89	72	167	11	2857	8
20	84410	102	64	165	10	2286	17
21	84411	89	81	166	11	2905	7
22	84412	92	69	165	15	2476	14
23	84413	102	89	167	16	2524	13
24	84414	78	65	166	12	1333	37
25	84415	92	61	165	9	1476	34
26	84416	103	83	167	13	3048	4
27	84417	103	85	167	11	1000	41
28	84418	90	81	166	11	1429	35
29	84419	105	76	166	9	2952	6
30	84420	90	83	165	10	2619	11
31	84421	90	78	166	10	2952	6
32	84422	100	64	166	10	1952	23
33	84423	104	52	167	9	952	42
34	84424	105	65	167	11	2667	10
35	84425	90	60	165	13	1524	33
36	84426	84	66	166	10	1762	27
37	84427	84	60	167	10	1762	27
38	84428	77	83	167	10	2190	18
39	84429	86	63	167	9	1905	24
40	84430	106	72	165	10	1143	39

Appendix cont.

Appendix cont.. 60

Entry ICCL./ Days to Plant Days to Weight Seed yield
 No. ICC.No.to 50% height to mat- of 100 -----
 flow- (cm) urity seeds kg/ha Rank
 ing (g)

41	84431	104	72	165	11	1857	23
42	84432	102	65	165	16	1905	24
43	84433	86	59	166	14	1667	30
44	84434	84	70	166	10	2667	10
45	84435	106	72	165	13	1619	31
46	84436	82	63	166	10	1667	30
47	84437	77	79	166	9	1714	29
48	84438	76	75	166	22	2810	9
49	84439	87	87	167	10	2381	15
50	84440	90	72	167	9	1762	27
51	84441	85	49	167	10	1810	26
52	84442	85	62	166	9	1857	25
53	84443	101	68	167	15	3667	1
54	84444	83	72	166	8	1667	30
55	84445	85	74	165	10	2286	17
56	84446	77	73	165	23	2048	21
57	84447	76	82	165	10	3190	3
58	84448	94	62	167	16	2286	17
59	84449	87	57	165	10	952	42
60	84450	103	74	167	11	3000	5
61	84451	104	65	167	10	1810	26
62	84452	92	69	167	12	2048	21
63	84453	104	61	166	10	2000	22
64	84454	102	58	166	14	1714	29
65	84455	107	59	166	12	1476	34
66	84456	86	82	165	11	2476	14
67	84457	104	65	165	11	1810	26
68	84458	83	59	165	9	1381	36
69	84459	104	65	166	10	2381	15
70	84460	106	72	167	12	3476	2
71	84461	89	52	167	10	1381	36
72	84462	74	55	165	13	1476	34
73	84463	92	68	167	12	2667	10
74	84464	87	60	167	10	2143	20
75	84465	93	70	166	10	1857	25
76	84466	86	63	166	10	2476	14
77	84467	104	87	167	14	2381	15
78	84468	87	63	165	11	1857	25
79	1762	102	71	165	9	2000	22
80	6819	88	72	166	10	2333	16
81	4948	94	65	166	13	2185	19
82	4954	91	65	166	10	1738	28
83	Lo.ch	75	61	166	21	1595	32

SE	4.1	0.8	0.1	2.3	125.5
MEAN	91.4	67.6	166.1	11.5	2010.3
CV	11.7	3.0	0.1	39.6	16.6

Appendix 61 Characteristics of entries in ICSN-DL
at Berthm, 1984-85

Entry No.	ICCL. No.	Days to 50% flow- ing	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	81290	120	46	167	13	2478	45
2	81299	121	53	167	11	3230	16
3	82436	121	51	173	21	3050	23
4	82439	124	43	172	24	2644	38
5	82441	122	54	160	23	2472	46
6	83410	124	53	173	13	3056	22
7	83425	121	31	154	13	872	73
8	83430	122	47	166	12	2556	42
9	83447	121	43	160	15	2489	44
10	83448	124	44	173	15	3656	4
11	84401	119	29	169	16	1539	65
12	84402	120	43	173	12	2111	53
13	84403	122	41	158	15	1094	71
14	84404	120	47	165	12	1861	60
15	84405	120	52	160	13	2228	50
16	84406	122	37	167	15	2972	25
17	84407	122	41	167	13	2772	33
18	84408	122	41	166	13	1222	69
19	84409	124	53	173	11	3389	9
20	84410	122	56	172	10	3350	12
21	84411	121	57	172	12	3333	14
22	84412	121	52	165	19	2722	34
23	84413	122	47	167	21	2144	52
24	84414	120	45	166	13	2289	49
25	84415	122	46	172	12	1778	62
26	84416	124	43	156	21	1278	68
27	84417	126	52	173	16	2700	35
28	84418	120	48	165	14	2111	53
29	84419	123	50	167	11	3167	20
30	84420	120	38	154	11	1111	70
31	84421	123	53	173	12	2944	27
32	84422	121	35	160	14	1278	68
33	84423	120	50	172	11	2950	26
34	84424	126	54	173	12	3244	17
35	84425	122	58	173	13	1972	56
36	84426	122	31	154	12	656	75
37	84427	122	52	172	9	1933	58
38	84428	120	44	156	13	1461	66
39	84429	123	54	167	11	3406	8
40	84430	124	54	173	13	3367	10

Appendix cont.

Appendix cont..61

Entry ICCL./ Days to Plant Days to Weight Seed yield
 No. ICC.No.to 50% height to mat- of 100 -----
 flow- (cm) urity seeds kg/ha Rank
 ing (g)

41	84431	120	46	167	14	2794	32
42	84432	121	45	159	22	1944	57
43	84433	120	51	159	21	2111	53
44	84434	121	49	172	12	3206	19
45	84435	123	58	170	18	2944	27
46	84436	121	43	167	13	2472	46
47	84437	122	48	166	13	2167	51
48	84438	122	54	173	28	2617	40
49	84439	121	52	169	11	3222	18
50	84440	120	42	159	13	1889	59
51	84441	120	45	159	13	2356	42
52	84442	123	53	172	11	3667	3
53	84443	122	56	173	19	3817	2
54	84444	127	45	159	11	2361	48
55	84445	122	39	159	12	1089	72
56	84446	121	34	156	13	833	74
57	84447	122	50	167	11	2861	30
58	84448	128	51	173	19	2517	43
59	84449	124	52	173	12	3456	6
60	84450	123	46	169	15	2667	36
61	84451	120	36	156	16	1322	67
62	84452	122	50	172	14	4350	1
63	84453	123	48	173	14	3106	21
64	84454	125	41	173	20	2594	41
65	84455	122	47	156	18	1556	64
66	84456	127	40	160	15	1750	63
67	84457	123	58	172	12	3417	7
68	84458	124	41	173	12	3000	24
69	84459	123	47	167	14	2833	31
70	84460	123	55	173	12	3533	5
71	84461	120	45	158	14	2056	55
72	84462	122	43	173	15	2883	29
73	84463	122	44	159	15	1750	63
74	84464	126	48	173	12	3361	11
75	84465	120	44	159	13	1794	61
76	84466	122	43	173	12	3339	13
77	84467	123	45	167	19	2639	39
78	84468	123	51	173	13	2906	28
79	1762	124	40	173	12	3256	15
80	6819	122	52	172	10	2667	36
81	4948	123	46	169	14	2658	37
82	4954	121	42	166	12	2105	54
83	Lo.ch	121	46	166	12	2382	47

SE 0.3 0.9 0.6 0.3 112.8
 MEAN 122.2 46.8 166.8 13.9 2498.2
 CV 0.5 4.9 0.8 6.3 11.6

Appendix 62 Characteristics of entries in ICSN-DL
at New Delhi, 1984-85

Entry No.	ICCL./ ICC.No.	Days to Plant to 50% height flow- ing	Days to Plant (cm)	Days to Weight urity	Seed yield of 100 seeds (g)	kg/ha	Rank
1	81290	84	40	-	10	666	40
2	81299	84	-	132	10	2261	9
3	82436	85	48	129	20	1690	24
4	82439	89	50	125	-	-	-
5	82441	93	-	135	20	1023	33
6	83410	93	45	139	10	1737	23
7	83425	89	45	126	-	-	-
8	83430	84	-	134	10	1380	30
9	83447	89	40	-	11	904	34
10	83448	89	55	125	-	-	-
11	84401	86	47	125	11	1690	24
12	84402	83	53	125	10	2499	4
13	84403	92	-	137	14	2190	11
14	84404	87	52	127	10	1904	15
15	84405	86	56	127	12	1809	19
16	84406	86	42	124	-	-	-
17	84407	93	54	127	-	-	-
18	84408	93	34	-	13	785	36
19	84409	91	-	134	11	1737	23
20	84410	102	51	134	-	-	-
21	84411	90	48	127	-	-	-
22	84412	102	51	132	15	1904	15
23	84413	95	51	135	-	-	-
24	84414	86	54	124	-	-	-
25	84415	86	49	126	12	738	38
26	84416	90	57	124	-	-	-
27	84417	91	37	-	-	-	-
28	84418	87	55	124	-	-	-
29	84419	92	56	124	-	-	-
30	84420	89	46	-	14	666	40
31	84421	91	55	127	-	-	-
32	84422	90	-	133	11	1190	31
33	84423	87	41	-	10	785	36
34	84424	92	41	-	12	643	41
35	84425	94	-	132	10	2094	13
36	84426	87	55	125	17	1952	14
37	84427	89	47	128	12	1095	32
38	84428	87	49	128	11	2166	12
39	84429	89	52	125	-	-	-
40	84430	89	47	-	11	714	39

Appendix cont.

Appendix 62 cont.

Entry No.	ICCL./ ICC.No.	Days to Plant to 50% height flow- ing	Days to Plant to mat- urity (cm)	Weight of 100 seeds (g)	Seed yield kg/ha	Rank	
41	84431	85	54	127	13	1761	22
42	84432	96	60	131	-	-	-
43	84433	87	53	131	16	1642	26
44	84434	84	47	-	10	1095	32
45	84435	89	45	-	17	881	35
46	84436	84	57	124	-	-	-
47	84437	84	58	127	11	1904	15
48	84438	83	61	127	25	2808	1
49	84439	88	49	129	11	2332	7
50	84440	88	46	125	11	1904	15
51	84441	88	39	129	-	1737	23
52	84442	89	42	-	11	785	36
53	84443	93	-	132	16	1880	16
54	84444	86	49	125	9	2237	10
55	84445	88	48	132	10	1642	26
56	84446	89	44	131	-	2166	12
57	84447	84	49	126	-	1690	24
58	84448	92	50	136	14	2523	3
59	84449	86	52	126	10	762	37
60	84450	92	46	127	11	2737	2
61	84451	90	42	-	12	571	42
62	84452	91	44	132	13	1952	14
63	84453	99	44	135	10	1952	14
64	84454	93	47	-	16	1190	31
65	84455	97	44	138	15	2380	6
66	84456	92	-	137	12	1523	27
67	84457	89	43	136	-	1785	21
68	84458	102	44	134	11	1642	26
69	84459	87	52	128	13	2523	3
70	84460	88	52	127	12	1476	28
71	84461	89	43	127	12	1809	19
72	84462	88	57	126	-	-	-
73	84463	87	53	128	13	2261	9
74	84464	95	41	137	11	2309	8
75	84465	86	53	124	-	-	-
76	84466	85	51	125	11	1833	18
77	84467	91	-	135	15	2428	5
78	84468	87	50	127	-	-	-
79	1762	85	53	127	-	-	-
80	6819	87	37	128	9	1428	29
81	4948	90	47	130	12	1652	25
82	4954	88	46	128	13	1804	20
83	Lo.ch	86	47	130	11	1845	17
	SE	0.7	0.3	0.5	0.6	41.5	
	MEAN	89.3	48.2	129.2	12.4	1662.4	
	CV	2.1	1.7	0.9	8.4	5.8	

**Appendix 63. Characteristics of entries in ICSEN-DL
at Faridkot, 1984-85**

Entry No.	ICCL./ ICC.No	Seed yield	
		kg/ha	Rank
1	81290	1501	29
2	81299	1418	31
3	82436	1751	17
4	82439	1293	37
5	82441	1022	44
6	83410	1731	18
7	83425	1293	37
8	83430	980	45
9	83447	1564	26
10	83448	1668	21
11	84401	959	46
12	84402	1418	31
13	84403	1314	36
14	84404	2043	5
15	84405	792	50
16	84406	1647	22
17	84407	646	54
18	84408	1772	16
19	84409	667	53
20	84410	2022	6
21	84411	1188	40
22	84412	1605	24
23	84413	1668	21
24	84414	1897	11
25	84415	1334	35
26	84416	1981	8
27	84417	1856	13
28	84418	1293	37
29	84419	1355	34
30	84420	1731	18
31	84421	1689	20
32	84422	813	49
33	84423	1751	17
34	84424	1397	32
35	84425	1543	27
36	84426	1710	19
37	84427	897	47
38	84428	2043	5
39	84429	1418	31
40	84430	2002	7

Appendix cont..

Appendix cont.. 63

Entry No.	ICCL./ ICC.No	Seed yield	
		kg/ha	Rank
41	84431	1793	15
42	84432	1877	12
43	84433	1168	41
44	84434	1793	15
45	84435	1814	14
46	84436	2168	4
47	84437	1605	24
48	84438	2377	2
49	84439	709	52
50	84440	1668	21
51	84441	1209	39
52	84442	1751	17
53	84443	1084	43
54	84444	876	48
55	84445	751	51
56	84446	1522	28
57	84447	1605	24
58	84448	1460	30
59	84449	2231	3
60	84450	1647	22
61	84451	1668	21
62	84452	1981	8
63	84453	1376	33
64	84454	2481	1
65	84455	1939	10
66	84456	1772	16
67	84457	751	51
68	84458	2002	7
69	84459	1960	9
70	84460	1710	19
71	84461	1626	23
72	84462	1334	35
73	84463	792	50
74	84464	1731	18
75	84465	1731	18
76	84466	2022	6
77	84467	1710	19
78	84468	1460	30
79	1762	1314	36
80	6819	1814	14
81	4948	1251	38
82	4954	1147	42
83	Lo.ch.	1574	25

SE 91.0
 MEAN 1529.2
 CV 16.8

Appendix 64 Characteristics of entries in ICSN-DL
at Ludhiana, 1984-85

Entry No.	ICCL. No.	Days to 50% flowering	Plant height (cm)	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	81290	94	47	17	1428	17
2	81299	92	60	15	1333	20
3	82436	86	48	21	924	34
4	82439	91	63	28	857	30
5	82441	91	59	18	619	33
6	83410	102	50	14	1428	17
7	83425	94	49	14	1666	15
8	83430	92	45	14	1000	27
9	83447	90	48	16	2047	9
10	83448	92	64	16	2237	7
11	84401	90	56	15	2618	2
12	84402	94	46	12	1904	11
13	84403	87	56	15	714	32
14	84404	93	46	15	1142	24
15	84405	92	47	15	2142	8
16	84406	88	64	16	762	31
17	84407	100	72	14	476	35
18	84408	100	53	15	1714	14
19	84409	95	42	16	1904	11
20	84410	101	68	15	952	28
21	84411	97	72	16	1761	13
22	84412	100	61	18	2332	5
23	84413	100	46	-	1904	11
24	84414	91	48	14	476	35
25	84415	95	59	14	952	28
26	84416	101	52	22	524	34
27	84417	102	48	14	1023	26
28	84418	95	60	14	428	36
29	84419	100	60	12	1904	11
30	84420	99	60	13	1380	19
31	84421	93	47	14	952	28
32	84422	99	49	14	428	36
33	84423	100	50	14	524	34
34	84424	95	49	17	952	28
35	84425	99	52	17	1904	11
36	84426	95	48	15	2285	6
37	84427	97	58	14	2380	4
38	84428	88	42	15	1428	17
39	84429	95	50	15	714	32
40	84430	96	60	16	1904	11

Appendix cont..

Appendix 65. Characteristics of entries in ICSN-DL
at Pantnagar, 1984-85

Entry No.	ICCL. No.	Days to flow- ing	Days to 50% height (cm)	Days to mat- urity	Weight of seeds (g)	Seed yield kg/ha	Rank
1	81290	82	28	125	14	476	5
2	81299	82	34	126	12	48	14
3	82436	83	28	129	20	143	11
4	82439	80	33	130	20	24	15
5	82441	80	43	126	15	24	15
6	83410	86	36	130	13	48	14
7	83425	82	30	125	11	476	5
8	83430	83	41	128	12	238	9
9	83447	82	40	128	13	238	9
10	83448	82	31	124	16	238	9
11	84401	84	44	131	13	1190	1
12	84402	83	42	126	12	238	9
13	84403	83	30	125	13	476	5
14	84404	83	46	125	10	48	14
15	84405	81	29	131	13	95	12
16	84406	84	24	125	12	238	9
17	84407	81	38	130	12	714	3
18	84408	84	36	130	12	357	6
19	84409	83	44	130	12	48	14
20	84410	81	35	132	13	357	6
21	84411	84	37	132	14	190	10
22	84412	85	43	132	19	238	9
23	84413	85	34	131	16	357	6
24	84414	81	34	130	17	238	9
25	84415	82	35	132	11	14	16
26	84416	85	27	125	19	238	9
27	84417	83	43	132	13	952	2
28	84418	83	44	131	17	71	13
29	84419	83	36	128	10	238	9
30	84420	85	27	125	14	48	14
31	84421	83	44	131	11	48	14
32	84422	83	41	131	13	238	9
33	84423	84	48	131	11	24	15
34	84424	85	33	130	13	190	10
35	84425	85	30	131	16	71	13
36	84426	83	39	127	12	238	9
37	84427	84	29	131	12	95	12
38	84428	81	32	126	11	238	9
39	84429	84	34	125	11	24	15
40	84430	82	34	130	15	238	9

Appendix 65 cont.

Entry ICCI./ Days to Plant Days to Height Seed yield
No. ICC.No.to 50% height to mat- of 100 -----

flow- (cm) urity seeds kg/ha Rank
ing (g) -----

41	84431	83	47	130	11	238	9
42	84432	84	50	131	21	238	9
43	84433	80	36	128	21	714	3
44	84434	82	30	125	12	48	14
45	84435	82	40	133	18	476	5
46	84436	81	42	125	11	238	9
47	84437	82	31	126	12	143	11
48	84438	81	33	125	22	357	6
49	84439	82	47	129	13	238	9
50	84440	84	30	126	10	357	6
51	84441	80	39	125	11	238	9
52	84442	80	29	125	12	238	9
53	84443	85	35	127	16	95	12
54	84444	81	48	127	11	476	5
55	84445	83	45	125	12	95	12
56	84446	84	25	124	18	48	14
57	84447	84	39	125	12	24	15
58	84448	80	44	124	12	238	9
59	84449	83	38	130	11	238	9
60	84450	84	43	129	13	476	5
61	84451	82	44	130	14	476	5
62	84452	84	36	129	15	238	9
63	84453	83	42	134	13	714	3
64	84454	86	41	127	18	238	9
65	84455	82	33	130	16	476	5
66	84456	85	28	130	13	143	11
67	84457	82	41	130	11	190	10
68	84458	84	39	132	13	714	3
69	84459	85	37	123	12	24	15
70	84460	85	30	133	14	238	9
71	84461	81	48	125	12	48	14
72	84462	81	30	132	14	238	9
73	84463	83	37	131	13	476	5
74	84464	83	34	125	14	476	5
75	84465	83	23	130	12	714	3
76	84466	82	27	132	12	357	6
77	84467	85	26	125	15	48	14
78	84468	84	38	124	12	48	14
79	1762	82	28	127	12	238	9
80	6819	80	35	128	12	476	5
81	4948	83	35	130	12	338	7
82	4954	83	32	129	12	292	8
83	Lo.ch	84	35	131	13	497	4

SE 0.3 0.6 0.4 0.2 44.0
MEAN 82.8 36.2 128.3 13.6 272.4
CV 1.0 4.4 0.8 4.1 28.7

Appendix 66 Characteristics of entries in ICSN-DL
at Kanpur, 1984-85

Entry ICCL./ Days to Seed yield
No. ICC.No. to 50% -----
flow- kg/ha Rank
ing

1	81290	68	1904	10
2	81299	64	1904	10
3	82436	70	1904	10
4	82439	65	1904	10
5	82441	63	1428	13
6	83410	60	238	18
7	83425	72	1666	12
8	83430	70	1428	13
9	83447	65	3094	4
10	83448	68	2618	6
11	84401	68	2142	8
12	84402	70	1666	12
13	84403	68	2380	7
14	84404	69	2380	7
15	84405	70	1666	12
16	84406	69	2856	5
17	84407	69	952	15
18	84408	70	2142	8
19	84409	73	2856	5
20	84410	65	2380	7
21	84411	60	1428	13
22	84412	65	3808	1
23	84413	67	476	17
24	84414	64	1190	14
25	84415	60	238	18
26	84416	65	1904	10
27	84417	65	1428	13
28	84418	62	1666	12
29	84419	70	1904	10
30	84420	68	1190	14
31	84421	71	3094	4
32	84422	72	1904	10
33	84423	65	714	16
34	84424	70	1190	14
35	84425	72	1428	13
36	84426	60	3094	4
37	84427	75	1904	10
38	84428	65	1666	12
39	84429	66	1904	10
40	84430	68	1428	13

Appendix cont..

Appendix cont., 66

Entry ICCL./ Days to Seed yield

No. ICC.No.to 50% -----
 flow- kg/ha Rank
 ing

41	84431	65	2142	8
42	84432	65	1190	14
43	84433	69	3332	3
44	84434	70	3094	4
45	84435	74	1428	13
46	84436	69	1904	10
47	84437	66	2618	6
48	84438	70	2618	6
49	84439	63	3094	4
50	84440	65	952	15
51	84441	71	1904	10
52	84442	70	2380	7
53	84443	72	2856	5
54	84444	65	952	15
55	84445	66	1904	10
56	84446	69	952	15
57	84447	76	1428	13
58	84448	63	1904	10
59	84449	73	1428	13
60	84450	65	1428	13
61	84451	61	2618	6
62	84452	69	2142	8
63	84453	67	1904	10
64	84454	68	1904	10
65	84455	65	952	15
66	84456	75	1904	10
67	84457	62	1904	10
68	84458	65	2380	7
69	84459	72	3570	2
70	84460	67	2380	7
71	84461	66	1904	10
72	84462	69	1666	12
73	84463	63	1904	10
74	84464	75	2618	6
75	84465	65	2856	5
76	84466	74	3094	4
77	84467	70	1428	13
78	84468	64	1904	10
79	1762	65	1904	10
80	6819	71	1190	14
81	4948	68	1993	9
82	4954	69	1815	11
83	Lo.ch	69	1993	9

SE 0.4 42.1
 MEAN 67.6 1933.8
 CV 1.4 5.3

Appendix 67. Characteristics of entries in ICCT-DS
at Ishurdi, 1984-85

Entry No.	ICC./ ICCL. No	Days to 50% flowering	Plant height(cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	4918	67	73	117	21	2340	14
2	5003	73	70	114	29	2163	16
3	11141	60	77	118	13	2293	13
4	13818	63	69	115	21	2439	12
5	83149	69	78	117	21	3420	1
6	83227	61	72	113	20	2860	4
7	83319	66	77	116	18	2980	2
8	82236	69	69	114	15	2517	9
9	83132	63	74	115	17	2379	13
10	83135	63	74	114	17	2737	5
11	83214	60	73	113	20	2698	6
12	82115	62	74	115	17	2490	10
13	83302	65	80	115	18	2678	7
14	83328	58	70	114	20	2672	8
15	81215	67	82	117	19	2864	3
16	Lo.ch	71	62	111	11	2464	11
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SE		1.9	3.0	1.9	0.7	264.7	
MEAN		64.7	73.5	114.8	18.8	2624.6	
CV		5.8	8.3	3.3	7.0	20.2	

Appendix 68. Characteristics of entries in ICCT-DS
at Kishoreganj, 1984-85

Entry No.	ICC./ ICCL. No	Days to 50% flowering	Plant height(cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	4918	76	66	135	13	1021	16
2	5003	76	57	134	25	2395	4
3	11141	76	61	135	12	2053	9
4	13818	73	66	133	14	1268	15
5	83149	70	43	129	16	2079	8
6	83227	73	54	128	14	2246	5
7	83319	76	69	133	14	2150	7
8	82236	69	49	126	13	1761	12
9	83132	73	59	133	15	2616	2
10	83135	72	66	131	15	1798	11
11	83214	71	60	127	19	2446	3
12	82115	71	57	127	13	2745	1
13	83302	73	62	131	16	1888	10
14	83328	70	51	128	15	1345	14
15	81215	71	60	129	13	2175	6
16	Lo.ch	66	44	127	14	1701	13
<hr/>							
SE		1.6	2.4	1.3	1.2	138.0	
MEAN		72.3	57.8	130.4	15.1	1980.4	
CV		3.8	7.1	1.7	10.3	12.1	

Appendix 69. Characteristics of entries in ICCT-DS
at Patancheru, 1984-85

Entry No.	ICC./ ICCL. No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds	Seed Yield kg/ha	Rank
1	4918	46	25	95	20	1905	2
2	5003	57	34	100	23	828	15
3	11141	45	26	94	15	1774	7
4	13818	49	27	95	19	1816	3
5	83149	49	28	95	18	1935	1
6	83227	50	27	95	19	1804	5
7	83319	51	28	95	17	1530	12
8	82236	52	29	95	15	1363	13
9	83132	52	29	96	18	1774	7
10	83135	49	32	96	18	1756	8
11	83214	49	26	93	18	1750	9
12	82115	53	34	97	17	1816	3
13	83302	45	27	90	16	834	14
14	83328	50	27	97	16	542	16
15	81215	52	33	94	16	1566	11
16	Lo.ch	46	27	94	18	1726	10
<hr/>							
SE		0.6	0.7	0.8	0.4	114.6	
MEAN		49.7	28.5	94.8	17.6	1544.8	
CV		2.5	5.2	1.6	5.0	14.8	

Appendix 70. Characteristics of entries in ICCT-DS
at Dohad, 1984-85

Entry No.	ICC./ ICCL. No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	4918	52	31	115	22	2410	7
2	5003	58	38	120	13	1428	14
3	11141	51	34	115	13	1071	16
4	13818	52	31	119	18	2529	6
5	83149	49	35	121	16	2261	8
6	83227	57	37	123	17	2142	10
7	83319	52	36	110	17	1845	11
8	82236	53	31	116	16	1279	15
9	83132	58	38	121	15	3511	3
10	83135	58	32	119	15	1785	12
11	83214	58	35	121	16	2261	8
12	82115	57	36	114	17	2737	4
13	83302	50	36	114	16	3689	2
14	83328	54	37	120	14	1666	13
15	81215	52	41	118	14	2678	5
16	Lo.ch	55	37	111	18	3868	1
<hr/>							
SE		2.6	1.8	2.7	0.1	134.7	
MEAN		54.0	35.3	117.5	16.2	2322.4	
CV		9.5	10.5	4.5	1.8	11.6	

Appendix 71.Characteristics of entries in ICCT-DS
at Junagadh , 1984-85

Entry No.	ICC./ ICCL. No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	4918	54	39	99	20	4911	1
2	5003	61	38	106	26	2689	16
3	11141	51	34	97	15	4500	3
4	13818	54	36	102	22	4088	9
5	83149	52	31	97	19	4143	8
6	83227	52	33	102	19	3545	13
7	83319	52	37	103	17	4088	9
8	82236	54	36	102	15	3913	12
9	83132	55	36	103	18	4406	4
10	83135	52	35	103	19	4302	6
11	83214	54	32	94	18	4774	2
12	82115	55	33	105	17	3507	14
13	83302	52	31	98	20	2711	15
14	83328	53	39	104	18	4044	11
15	81215	53	31	98	16	4313	5
16	Lo.ch	51	34	95	14	4154	7
<hr/>							
SE		0.9	0.9	2.0	0.1	332.2	
MEAN		53.2	34.6	100.4	18.3	4005.5	
CV		3.5	5.1	3.9	1.1	16.6	

Appendix 72.Characteristics of entries in ICCT-DS
at Sehore, 1984-85

Entry No.	ICC./ ICCL. No	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	4918	17	521	9
2	5003	22	247	16
3	11141	14	428	14
4	13818	19	536	7
5	83149	17	562	4
6	83227	18	553	5
7	83319	15	491	12
8	82236	13	553	5
9	83132	15	536	7
10	83135	15	467	13
11	83214	15	646	2
12	82115	16	500	11
13	83302	17	381	15
14	83328	15	506	10
15	81215	15	634	3
16	Lo.ch	15	824	1
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SE		1.0	10.4	
		16.0	524.0	
CV		12.0	33.3	

**Appendix 73. Characteristics of entries in ICCT-DS
at Nayagadh , 1984-85**

Entry No.	ICC./ ICCL. No.	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	4918	27	1724	4
2	5003	33	2394	1
3	11141	30	1176	12
4	13818	27	1864	3
5	83149	30	1118	13
6	83227	29	1679	6
7	83319	31	1067	15
8	82236	29	1079	14
9	83132	31	1276	9
10	83135	30	1505	8
11	83214	29	918	16
12	82115	30	1543	7
13	83302	29	1711	5
14	83328	30	1934	2
15	81215	32	1245	10
16	Lo.ch	31	1224	11
SE				
		1.4	209.1	
MEAN				
		29.9	1465.9	
CV				
		9.2	28.5	

**Appendix 74. Characteristics of entries in ICCT-DS
at Keonjhar , 1984-85**

Entry No.	ICC./ ICCL. No.	Days to 50% flo- vering	Plant height (cm)	Days to mat- urity	Seed Yield kg/ha	Rank
1	4918	59	26	99	459	16
2	5003	62	36	98	788	15
3	11141	55	31	93	1390	8
4	13818	56	30	94	1237	10
5	83149	55	30	94	1413	7
6	83227	54	32	93	1645	3
7	83319	55	34	94	1307	9
8	82236	55	32	93	1552	5
9	83132	53	38	94	1631	4
10	83135	54	38	94	1691	2
11	83214	53	34	93	1900	1
12	82115	55	35	96	1237	10
13	83302	57	30	95	904	14
14	83328	55	32	95	996	13
15	81215	56	35	95	1205	12
16	Lo.ch	59	30	96	1436	6
SE						
		0.8	1.9	0.8	140.9	
MEAN						
		55.9	32.6	94.8	1299.4	
CV						
		2.3	10.3	1.4	18.8	

Appendix 75. Characteristics of entries in ICCT-DS
at Ludhiana, 1984-85

Entry No.	ICC./ ICCL. No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	4918	87	51	154	21	720	16
2	5003	62	52	155	26	1868	1
3	11141	51	49	158	8	1618	4
4	13818	90	49	155	21	1172	13
5	83149	83	52	153	23	1488	9
6	83227	89	54	152	21	1499	8
7	83319	93	52	150	18	1059	15
8	82236	72	51	153	11	1511	7
9	83132	90	50	157	19	1761	2
10	83135	64	48	157	22	1517	6
11	83214	65	49	151	23	1184	12
12	82115	91	57	153	20	1329	5
13	83302	67	51	155	24	1261	11
14	83328	64	49	152	20	1154	14
15	81215	90	49	153	19	1309	10
16	Lo.ch	93	60	155	18	1642	3
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SE		0.1	0.4	1.2	1.8	262.2	
MEAN		78.2	51.4	153.8	19.6	1393.4	
CV		0.3	1.7	1.5	18.8	37.6	

Appendix 76. Characteristics of entries in ICCT-DS
at Berahampur, 1984-85

Entry No.	ICC./ ICCL. No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed Yield kg/ha	Rank
1	4918	64	41	117	17	641	11
2	5003	65	49	112	21	1018	6
3	11141	64	38	116	14	753	10
4	13818	63	38	118	19	1007	8
5	83149	63	33	116	17	1122	3
6	83227	61	35	113	19	1010	7
7	83319	60	38	112	17	1103	5
8	82236	64	37	110	14	638	12
9	83132	60	39	114	18	1202	1
10	83135	60	47	112	19	1152	2
11	83214	66	38	114	18	769	9
12	82115	64	45	113	15	44	16
13	83302	63	43	113	20	630	13
14	83328	66	37	117	16	339	15
15	81215	60	46	112	16	1117	4
16	Lo.ch	66	51	117	13	619	14
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SE		0.7	1.2	0.9	0.9	191.5	
MEAN		63.0	40.8	114.0	17.1	870.4	
CV		2.3	6.0	1.5	10.3	44.0	

Appendix 77 Characteristics of entries in ICCT-DL
at Parvanipur, 1984-85

Entry No.	Acc.No./ Name	Days to 50% flowering	Plant height	Days to maturity	Weight of 100 seeds(g)	Seed yield Kg/Ha	Rank
1	4948	118	39	168	17	343	2
2	10136	119	37	166	14	581	13
3	11508	115	43	166	16	393	7
4	11507	118	39	168	15	347	10
5	Anupam	112	39	161	17	290	4
6	P-1506-3	117	39	168	14	181	13
7	H-81-73	120	37	169	22	177	1
8	GNG-416	115	39	167	15	445	11
9	79078	114	39	168	17	204	5
10	80107	116	43	164	16	500	9
11	82403	119	33	168	17	226	6
12	82411	117	36	168	14	228	12
13	82435	115	34	165	16	206	8
14	82445	117	41	169	17	247	4
15	84469	115	38	165	17	457	3
16	Lo.ch	113	32	161	11	1009	14
SE		1.1	2.3	1.7	0.7	83.6	
MEAN		116.2	38.0	166.2	15.8	364.7	
CV		1.9	12.3	2.1	9.0	45.9	

Appendix 78 Characteristics of entries in ICCT-DL
at Raipur, 1984-85

Entry No.	Acc.No./ Name	Days to 50% flowering	Plant height	Days to maturity	Weight of 100 seeds(g)	Seed yield Kg/Ha	Rank
1	4948	82	51	149	16	428	8
2	10136	84	38	148	15	315	13
3	11508	82	50	150	16	95	14
4	11507	81	52	146	15	666	4
5	Anupam	69	49	142	15	589	6
6	P-1506-3	79	56	147	13	601	5
7	H-81-73	97	58	152	20	49	15
8	GNG-416	77	54	145	16	882	1
9	79078	82	46	150	17	95	14
10	80107	78	54	147	15	417	9
11	82403	99	46	155	16	346	12
12	82411	81	51	150	14	863	2
13	82435	73	44	145	14	411	10
14	82445	78	54	150	17	443	7
15	84469	80	59	150	19	678	3
16	Lo.ch	90	35	151	13	350	11
SE		1.2	4.5	0.7	0.0	213.4	
MEAN		82.0	49.8	148.3	15.7	445.6	
CV		2.8	18.2	0.9	0.6	95.8	

**Appendix 79. Characteristics of entries in ICCT-DL
at Hissar, 1984-85**

Entry No.	Acc.No./ Name	Days to 50% flowering	Plant height	Days to maturity	Weight of 100 seeds(g)	Seed yield Kg/Ha	Rank
1	4948	93	67	167	11	1968	2
2	10136	89	58	167	11	1770	5
3	11508	88	66	165	10	1909	3
4	11507	90	65	166	10	1845	4
5	Anupam	75	60	165	11	695	16
6	P-1506-3	91	65	167	10	1417	11
7	H-81-73	102	66	167	14	1635	7
8	GNG-416	87	61	166	10	1290	15
9	79078	86	59	166	11	1599	9
10	80107	90	63	166	11	1413	12
11	82403	102	62	167	11	1457	10
12	82411	91	66	167	10	1639	8
13	82435	88	57	167	12	1314	14
14	82445	88	68	165	11	1659	6
15	84469	92	73	167	11	1409	13
16	Lo.ch	89	63	166	10	2004	1
SE		0.9	2.1	0.4	0.3	139.3	
MEAN		90.0	63.8	166.1	11.0	1564.9	
CV		2.1	6.7	0.5	5.4	17.8	

**Appendix 80. Characteristics of entries in ICCT-DL
at Berthin, 1984-85**

Entry No.	Acc.No./ Name	Days to 50% flowering	Plant height	Days to maturity	Weight of 100 seeds(g)	Seed yield Kg/Ha	Rank
1	4948	123	43	165	14	2408	4
2	10136	124	41	166	14	2212	6
3	11508	123	45	162	13	2443	2
4	11507	122	42	161	14	2211	7
5	Anupam	122	43	160	14	1876	14
6	P-1506-3	125	44	162	13	2124	11
7	H-81-73	123	39	161	16	2075	12
8	GNG-416	123	44	161	13	1764	15
9	79078	122	42	159	14	1733	16
10	80107	120	47	160	14	2434	3
11	82403	127	41	164	13	1957	13
12	82411	125	41	169	14	2335	5
13	82435	125	37	168	13	2174	8
14	82445	120	43	159	14	2139	10
15	84469	125	44	164	15	2583	1
16	Lo.ch	124	44	160	13	2147	9
SE		1.3	1.5	2.2	0.9	197.4	
MEAN		123.2	42.5	162.6	13.8	2164.3	
CV		1.9	6.1	2.3	11.1	16.4	

**Appendix 81 Characteristics of entries in IOCT-DL
at Dhaulatsan , 1984-85**

Entry No.	Acc.No./ Name	Days to 50% flowering	Days to maturity	Weight of 100 seeds(g)	Seed yield Kg/Ha	Rank
1	4948	101	158	15	2076	8
2	10136	103	160	12	1837	13
3	11508	100	155	13	2027	9
4	11507	99	155	14	2208	6
5	Anupam	97	149	15	1902	11
6	P-1506-3	99	155	14	2253	4
7	H-81-73	101	155	15	2211	5
8	GNG-416	98	152	11	2833	1
9	79078	98	153	15	2684	2
10	80107	101	154	13	2156	7
11	82403	101	158	14	1857	12
12	82411	101	158	13	1673	15
13	82435	98	156	13	2156	7
14	82445	99	155	13	1684	14
15	84469	102	155	15	2371	3
16	Lo.ch	100	154	12	2021	10
SE		0.9	1.4	0.8	315.3	
MEAN		100.0	155.1	13.6	2121.8	
CV		1.5	1.5	10.8	25.7	

**Appendix 82 Characteristics of entries in IOCT-DL
at New Delhi , 1984-85**

Entry No.	Acc.No./ Name	Weight of 100 seeds(g)	Seed yield Kg/Ha	Rank
1	4948	12	2209	3
2	10136	11	2113	4
3	11508	12	2110	5
4	11507	12	1690	14
5	Anupam	13	1685	15
6	P-1506-3	11	1723	13
7	H-81-73	16	2113	4
8	GNG-416	12	2086	6
9	79078	14	1926	11
10	80107	12	2006	8
11	82403	13	1878	12
12	82411	11	1950	10
13	82435	12	2324	2
14	82445	13	1994	9
15	84469	14	2060	7
16	Lo.ch	11	2369	1
SE		0.3	194.0	
MEAN		12.4	2014.7	
CV		4.6	19.3	

**Appendix 83. Characteristics of entries in ICCT-DL
at Faridkot, 1984-85**

Entry No.	Acc.No./ Name	Seed yield	
		Kg/Ha	Rank
1	4948	1168	7
2	10136	1300	2
3	11508	1157	8
4	11507	1300	2
5	Anupam	1126	9
6	150666	1188	6
7	H-81-73	1206	5
8	GNG-416	1126	9
9	79078	890	13
10	80107	1015	12
11	82403	1088	10
12	82411	1265	4
13	82435	1046	11
14	82445	1265	4
15	84469	1286	3
16	Lo.ch	1946	1

SE		135.1	
MEAN		1210.6	
CV		22.3	

**Appendix 84. Characteristics of entries in ICCT-DL
at Sriganaganagar, 1984-85**

Entry No.	Acc.No./ Name	Days to Plant 50% flowering	Plant height	Seed yield	
				Kg/Ha	Rank
1	4948	93	65	3108	7
2	10136	90	57	3017	10
3	11508	89	66	3198	5
4	11507	91	63	3202	4
5	Anupam	78	65	2941	14
6	P-1506-3	91	67	2955	13
7	H-81-73	96	71	2886	15
8	GNG-416	87	68	3312	1
9	79078	84	64	3073	8
10	80107	90	64	3281	2
11	82403	93	65	2663	16
12	82411	88	59	2993	11
13	82435	88	60	3038	9
14	82445	87	65	3195	6
15	84469	88	63	2990	12
16	Lo.ch	90	64	3271	3

SE		0.8	2.0	122.2	
MEAN		88.7	64.1	3070.1	
CV		1.9	6.3	8.0	

**Appendix 85. Characteristics of entries in ICCT-DL
at Pantnagar, 1984-85**

Entry No.	Acc.No./ Name	Days to 50% flowering	Days to maturity	Weight of 100 seeds(g)	Seed yield Kg/Ha	Rank
1	4948	85	130	12	134	7
2	10136	88	131	12	194	3
3	11508	81	128	12	84	12
4	11507	84	130	12	119	9
5	Anupam	80	125	15	60	14
6	P-1506-3	82	128	12	111	10
7	H-81-73	84	132	16	224	1
8	GNG-416	81	129	12	75	13
9	79078	82	131	12	157	5
10	80107	83	128	12	93	11
11	82403	84	133	13	149	6
12	82411	86	129	13	164	4
13	82435	85	130	12	209	2
14	82445	81	129	12	119	9
15	84469	81	129	15	122	8
16	Lo.ch	85	133	13	164	4
	SE	0.8	1.9	0.2	57.1	
	MEAN	83.1	129.6	12.7	135.6	
	CV	2.0	2.9	3.9	84.3	

**Appendix 86. Characteristics of entries in ICCT-DL
at Kanpur, 1984-85**

Entry No.	Acc.No./ Name	Days to 50% flowering	Days to maturity	Weight of 100 seeds(g)	Seed yield Kg/Ha	Rank
1	4948	68	130	13	1156	4
2	10136	67	131	13	1430	2
3	11508	69	128	13	766	15
4	11507	70	130	13	938	9
5	Anupam	57	125	16	875	11
6	P-1506-3	67	128	13	1125	5
7	H-81-73	69	132	14	953	8
8	GNG-416	72	129	15	1234	3
9	79078	69	151	14	984	7
10	80107	72	128	13	1156	4
11	82403	72	133	13	831	12
12	82411	69	129	13	906	10
13	82435	68	130	13	1438	1
14	82445	72	129	14	797	14
15	84469	69	129	15	828	13
16	Lo.ch	67	133	13	1109	6
	SE	1.6	1.9	0.3	227.6	
	MEAN	68.5	129.6	13.6	1032.9	
	CV	4.6	2.9	3.7	44.1	

**Appendix 87. Characteristics of entries in PTMLT at
Patancheru , 1984-85**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	845001	48	47	101	22	1285	4
2	845002	53	46	103	19	905	8
3	845003	63	44	104	18	1159	5
4	845004	59	47	108	17	968	7
5	845005	54	41	101	31	1317	3
6	845006	69	42	110	17	683	9
7	845007	60	48	103	17	1079	6
8	845008	71	51	109	13	286	10
9	5003	53	38	98	28	1683	1
10	Lo.ch	43	26	90	19	1619	2
SE		1.1	1.5	0.6	0.6	137.1	
MEAN		57.3	43.1	102.8	20.1	1098.4	
CV		3.3	6.1	1.0	4.9	21.6	

**Appendix 88. Characteristics of entries in PTMLT at
Ranchi , 1984-85**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	845001	71	71	134	17	1349	2
2	845002	73	75	135	14	1015	5
3	845003	93	67	141	13	1031	4
4	845004	91	65	140	14	873	8
5	845005	92	59	140	26	928	7
6	845006	94	60	139	12	1008	6
7	845007	94	70	139	16	651	9
8	845008	91	72	139	11	1031	4
9	5003	91	56	140	20	1182	3
10	Lo.ch	79	48	137	10	2063	1
SE		0.6	3.0	0.2	1.6	140.5	
MEAN		87.0	64.2	138.4	15.3	1113.0	
CV		1.1	8.2	0.2	17.8	21.9	

**Appendix89.Characteristics of entries in PTMLT at
Hisar , 1984-85**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height(cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	845001	72	95	166	22	1222	9
2	845002	84	98	166	20	1413	6
3	845003	93	83	166	14	1238	8
4	845004	88	85	165	19	1548	4
5	845005	79	71	166	31	1349	7
6	845006	102	87	166	17	1540	5
7	845007	92	88	166	19	1706	2
8	845008	103	87	166	13	937	10
9	5003	84	69	167	25	1611	3
10	Lo.ch	92	65	166	12	1889	1
SE		1.3	4.7	0.5	0.1	264.3	
MEAN		89.0	82.5	165.9	19.3	1445.2	
CV		2.4	9.9	0.5	0.6	31.7	

**Appendix90.Characteristics of entries in PTMLT at
Berthin , 1984-85**

Entry No.	ICCL./ ICC.No	Days to 50% flowering	Plant height(cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	845001	123	45	159	19	584	7
2	845002	125	40	165	16	482	8
3	845003	123	37	169	15	473	9
4	845004	127	37	171	16	602	6
5	845005	124	38	164	30	436	10
6	845006	128	36	165	16	769	4
7	845007	124	41	165	17	871	1
8	845008	123	45	163	13	667	5
9	5003	129	32	167	27	806	3
10	Lo.ch.	123	31	162	12	834	2
SE		1.0	1.8	1.1	0.7	77.8	
MEAN		124.9	38.2	164.8	18.2	652.4	
CV		1.4	8.0	1.1	6.4	20.6	

Appendix 91 Characteristics of entries in PTHLT at
Gvalier, 1984-85

Entry No.	ICCL.No	Days to 50% flowering	Days to Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	845001	74	68	127	18	1690	3
2	845002	81	64	129	17	1190	7
3	845003	75	65	128	15	1063	10
4	845004	76	65	129	14	3053	1
5	845005	81	48	129	26	1595	5
6	845006	89	61	130	15	1190	7
7	845007	83	59	130	15	1428	6
8	845008	90	65	132	14	1111	9
9	5003	81	48	130	24	1761	2
10	Lo.ch	64	46	126	12	1634	4
SE		4.1	3.6	1.1	1.1	588.0	
MEAN		79.5	58.9	129.0	16.5	1571.4	
CV		9.0	10.5	1.4	8.7	64.8	

Appendix 92 Characteristics of entries in PTHLT at
Brisanganagar, 1984-85

Entry No.	ICCL.No	Days to 50% flowering	Days to Plant height (cm)	Seed yield kg/ha	Rank
1	845001	78	95	1563	8
2	845002	89	91	1500	9
3	845003	92	80	1667	6
4	845004	90	78	1713	5
5	845005	78	73	2188	2
6	845006	97	82	1663	7
7	845007	93	86	2138	4
8	845008	94	77	1438	10
9	5003	81	69	2188	2
10	Lo.ch	91	70	2308	1
SE		0.7	4.7	114.8	
MEAN		88.3	80.0	1836.3	
CV		1.4	10.2	10.8	

Appendix III. Characteristics of entries in PHELY at Pantnagar, 1984-85

Entry No.	IOC No.	Days to 50% flowering	Plant height (cm)	Days to maturity	Weight of 100 seeds (g)	Seed yield kg/ha	Rank
1	845001	79	42	128	19	32	9
2	845002	80	39	132	18	139	3
3	845003	83	35	128	17	135	6
4	845004	82	35	132	16	270	2
5	845005	80	33	127	25	119	7
6	845006	82	37	130	16	175	4
7	845007	81	39	129	17	198	3
8	845008	80	45	130	13	190	3
9	5003	82	31	130	24	63	8
10	Le. ch	85	30	130	13	476	1
SE		0.5	2.2	1.2	0.9	45.8	
MEAN		81.3	36.5	129.6	17.7	183.3	
CV		1.1	10.3	1.7	8.3	43.3	